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1878/79

ANNUAL

OF THE

SYRACUSE UNIVERSITY,

1879.

ANNUAL

OF THE

SYRACUSE UNIVERSITY,

FOR THE

COLLEGIATE YEAR

1878-'79.

SYRACUSE, N. Y.
MDCCCLXXIX.

TRUAIR, SMITH & BRUCE,
PRINTERS AND BINDERS,
JOURNAL OFFICE,
SYRACUSE, N.Y.

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Charter.

Be it known that we, the undersigned, citizens of the United States and of the State of New York, to-wit:

Jesse T. Peck, Francis H. Root, Albert D. Wilbor, James F. Scatchard, James E. Latimer, David Decker, Ezra Jones, Dallas D. Lore, Arza J. Phelps, Joseph F. Crawford, Spencer R. Fuller, George F. Comstock, Charles Andrews, Thomas B. Fitch, Wilfred W. Porter, Ebenezer Arnold, with our associates, do intend to establish and organize, and we do hereby establish a Corporation under and pursuant to the Act of the Legislature of the State of New York, for the incorporation of benevolent, charitable, scientific and missionary societies, passed April 12th, 1848, and the various Acts amending the same, and for such purpose we do declare as follows:

1. The name of such Corporation shall be "THE SYRACUSE UNIVERSITY."

2. The object of such Corporation shall be the diffusion of knowledge among men, and for that purpose, to found, establish and maintain, in or near the City of Syracuse, in the County of Onondaga and State of New York, an Institution which shall be known by the name of "THE SYRACUSE UNIVERSITY," and in which Christian learning, literature and science, in their various departments and the knowledge of the learned professions shall be taught. It being the design

and purpose of this Act of Incorporation that such Institution shall be under the control and general patronage of the Methodist Episcopal Church in the State of New York.

3. The number of Trustees of the said Corporation, shall be forty-one ; subject to the right of the Board of Trustees, by its Ordinances and By-Laws, to reduce the number not below twenty-five, and the following persons shall be such Trustees for the first year and until their successors shall be chosen in the manner to be provided in the By-Laws or Ordinances of the Corporation.

That is to say *ex-officio*, the Governor, Lieutenant-Governor, Chief Judge of the Court of Appeals, Superintendent of Public Instruction of the State of New York, and the President of the Faculty of the University ; Thomas Carlton, Francis H. Root, James N. Scatchard, Albert D. Wilbor, James E. Latimer, David Decker, Darius A. Ogden, Ezra Jones, Dallas D. Lore, Arza J. Phelps, Benoni I. Ives, Joseph F. Crawford, Eliphalet Remington, Isaac S. Bingham, Spencer R. Fuller, Willard Ives, Horatio A. Clarke, H. G. Prindle, Daniel W. Bristol, Jesse T. Peck, Joseph F. King, Hiram A. Wilson, Morris D'C. Crawford, Alonzo Flack, Philip Phillips, George Lansing Taylor, John Stephenson, John H. Ockershausen, George F. Comstock, Charles Andrews, Thomas B. Fitch, Wilfred W. Porter, Ebenezer Arnold, Edward S. Janes, Reuben E. Fenton, John Crouse.

In witness whereof, we have hereunto set our hands this 24th day of March, in the year of our Lord one thousand eight hundred and seventy.

Jesse T. Peck, Dallas D. Lore, Ebenezer Arnold, James N. Scatchard, Ezra Jones, J. F. Crawford, James E. Latimer, Albert D. Wilbor, Spencer R. Fuller, George F. Comstock, Charles Andrews, Wilfred W. Porter, Francis H. Root, Arza J. Phelps, Thomas B. Fitch, David Decker.

STATE OF NEW YORK, } ss.
ONONDAGA COUNTY, }

On this 24th day of March, A. D., 1870, before me personally came Jesse T. Peck, Dallas D. Lore, Ebenezer Arnold, James N. Scatchard, Ezra Jones, Joseph F. Crawford, James F. Latimer, George F. Comstock, Charles Andrews, Wilfred W. Porter, Francis H. Root, Arza J. Phelps, Thomas B. Fitch, David Decker, Albert D. Wilbor and Spencer R. Fuller, to me known to be the persons who executed the foregoing instrument, and acknowledged that they severally executed the same.

W. GILBERT,
Commissioner of Deeds, Syracuse, N. Y.

I approve of, and consent to the filing of the within certificate of Incorporation.

Dated March 25th, 1870.

LEROY MORGAN,
J. S. C. 5th Judicial District, N. Y.

Recorded March 25th, 1870, Book I of Mis. Records, page 332, &c.

THEO. L. POOLE, Clerk.

By-Laws.

ARTICLE I. TRUSTEES.

SECTION I—SUCCESSION.

The Trustees of Syracuse University shall be elected for the term of six years, and they shall have succession in office forever, as follows:

1. Nine Trustees shall be members of the Board at large, all of whom shall be resident citizens of the State of New York, and six of whom shall not be members of the Methodist Episcopal Church. They shall be elected in classes of three; one class at each alternate Annual Session of the Board, beginning with that of 1872; and the Board shall have power to declare vacancies and elect members to fill unexpired terms at any annual meeting.

2. Twenty-four Trustees are Conference members of the Board, and shall have succession as follows: The New York, the New York East, and the Troy Conference shall be represented in the Board by three members each. Each of the said Conferences shall have power to declare and fill vacancies in its own number of trustees, and shall at each annual session elect one trustee for three years, in the place of the member whose term of service shall then expire. The Northern New York, Central New York, Wyoming and

Genesee Conferences shall be represented in the Board by four members each. Each of the last mentioned Conferences shall have power to declare and fill vacancies in its own number of trustees, and shall at each annual session elect one member for four years, in place of the member whose term of service shall then expire. A change of name or boundaries of either of the above mentioned Conferences, shall not affect the ratio of their representation in the Board of Trustees; and in case of a division of either of them into two or more Conferences, or of a consolidation of them into a smaller number of Conferences, an adjustment of the distribution of their representatives shall be made by the Board of Trustees.

3. Three members of the Board shall be members of and represent the Alumni of the University. They shall be elected by the Alumni Association; one at the time and place of each alternate Annual Commencement, in the place of one whose term of office shall then expire; and at any Annual meeting the said Alumni Association shall have power to declare and fill any vacancies in their own number of trustees; it being provided, that until the Alumni shall number twenty-one, the election of the three trustees provided for in this section shall be made by the Board of Trustees.

4. The Governor, Lieutenant-Governor, Chief Judge of the Court of Appeals, and Superintendent of Public Instruction are *ex-officio* members of the Board, and shall have succession according to the terms of their respective offices under the Constitution and Statutes of the State of New York. The Chancellor of the University, also, is *ex-officio*, a member of the Board.

SECTION II—TERM OF OFFICE.

The Corporate members, excepting members *ex-officio*, shall be divided by lot into three classes, as follows, to-wit: The

term of office of the first class shall terminate at the first Annual Session of the said Board of Trustees, Annual Conferences and Alumni Association, respectively, held from and after the first day of April, 1871 ; the second class two years thereafter, and the third class four years from said Annual Meeting ; but each member of the Board shall hold office until the election of his successor.

SECTION III—REPORTS.

The Board shall report the condition and progress of the University, including a financial exhibit of the previous college year, to each of the above named patronizing Conferences at their respective Annual Sessions.

SECTION IV—EXECUTIVE COMMITTEE.

1. There shall be an Executive Committee elected annually, to consist of seven members, who shall execute the orders of the Board, and shall in the intervals of its session act for and represent the Board, subject at all times to the Charter and the By-Laws, and to all instructions given by the Board ; but they shall have no power to expend moneys except under previous authorization.

2. The Executive Committee shall have power to employ a suitable person to take charge of the office, and keep the books and accounts of the University, and perform such other duties as may be required of him.

SECTION V—MEETINGS.

1. The Annual Meetings of the Board shall be held in the city of Syracuse, at 2 o'clock, P. M., on the Tuesday preceding each Annual Commencement of the University.

2. Special Meetings of the Board may be called by the President, with the concurrence, in writing, of three Trustees, when in his judgment the interests of the University shall require it ; and it shall be his duty to call a meeting of

the Board, when six members shall express, in writing, a desire for such meeting.

SECTION VI—OFFICERS OF THE BOARD.

1. The Officers of the Board shall be a President, two Vice-Presidents, a Secretary and a Treasurer, to be chosen each year at the Annual Meeting of the Board, and to hold office until their successors are elected.

2. The Treasurer shall give bonds in the sum of fifty thousand dollars, with such securities as the Executive Committee shall approve, for the faithful discharge of his duties.

SECTION VII—QUORUM.

1. For the transaction of all business, excepting the election or dismissal of any member or officer of any Faculty of the University, thirteen members shall be a quorum.

2. For the election or dismissal of any member or officer, of either of the Faculties, fifteen members shall be a quorum, twelve of whom shall vote for the election or dismissal of said members or officers.

ARTICLE II. PURPOSE AND PRIVILEGES.

SECTION I—PURPOSE.

The purpose of the Syracuse University, as expressed in its Charter, shall be to teach "Christian Learning, Literature and Science in their various departments, and the knowledge of the learned professions."

SECTION II—PRIVILEGES.

The Faculty of the University shall arrange the curriculum of each College, and shall determine the literary and moral qualifications necessary to the admission of students. The conditions of admission shall be equal to all persons.

ARTICLE III. ORGANIZATION AND FACULTY.

SECTION I—ORGANIZATION.

1. The University shall include—1st, The College of the Liberal Arts; 2d, The College of Law; 3d, The College of Physicians and Surgeons; 4th, The College of Industry; 5th, The College of Fine Arts; 6th, The College of Letters; and any other College established by the Board of Trustees under the provisions of its organic law.

2. The institution and endowment of Chairs in the several Colleges shall be provided for by special acts of the Board of Trustees.

SECTION II—FACULTIES.

1. The Faculty of the University shall consist of the Chancellor, the President and Professors of the College of the Liberal Arts, and the first officer of each other Faculty ordained by the Trustees.*

2. The Faculty of each College, except as hereinafter provided, shall be complete in itself, and alone responsible for instruction and discipline in its own department.

3. There shall be no appeal from a decision of any Faculty within its own sphere; but any question important to the University as such, may be referred to the Faculty of the University, by a vote of a majority of any College Faculty, or by the Chancellor.

4. Each member and officer of the several Faculties shall be elected by the Board of Trustees, for a period not exceeding six years; and any member or officer of any Faculty may be dismissed at any lawful meeting, as hereinbefore provided.

5. All candidates for degrees in course, shall be recom-

* It has been further provided by the Trustees, that the Principals of the several *Gymnasia* are members *ex-officio* of the Faculty of the University.

mended by the Faculty of a College, approved by the Faculty of the University, and reported to the Board of Trustees for their action.

ARTICLE IV. AMENDMENTS.

Amendments of these By-Laws may be proposed in writing at any regular or called meeting of the Board, and acted upon at the Annual Meeting next ensuing, and (except as follows) adopted by a vote of two-thirds; but amendments relating to the succession and representative incumbency of the Board, must be adopted by a majority of the whole number of Trustees, and approved by two-thirds of the members present and voting, of each of the above named patronizing Conferences, at one of its regular Annual Sessions.

EXPLANATORY.

1. The University is a Corporation. It does not teach. Its functions are production, vitalization and supervision.

2. It has therefore organized a College of Liberal Arts, a College of Medicine, and a College of Fine Arts.

3. It will organize other Colleges as the public wants shall demand.

Trustees.

EX-OFFICIO.

His Excellency, LUCIUS ROBINSON,
Governor of the State.

His Honor, WILLIAM DORSHEIMER,
Lieutenant Governor.

Hon. NEIL GILMOUR,
Superintendent of Public Instruction.

Hon. SANFORD E. CHURCH,
Chief Justice of the Court of Appeals.

Rev. E. O. HAVEN, D. D., LL. D.,
Chancellor of the University.

ELECTED BY THE BOARD.

		Term Expires.
Rev. Bishop JESSE T. PECK, D.D.,	*Syracuse,*	1880
Hon. JAMES J. BELDEN,	*Syracuse,*	1880
ALFRED A. HOWLETT,	*Syracuse,*	1880
Hon. CHARLES ANDREWS,	*Syracuse,*	1882
THOMAS B. FITCH,	*Syracuse,*	1882
ERASTUS F. HOLDEN,	*Syracuse,*	1882
Rev. BENONI I. IVES,	*Auburn,*	1884
Hon. GEORGE F. COMSTOCK, LL.D.,	*Syracuse,*	1884
JOHN CROUSE,	*Syracuse,*	1884

ELECTED BY THE ALUMNI ASSOCIATION.

J. D. F. SLEE, A. M.,	*Elmira,*	1880
Prof. J. DORMAN STEELE, A. M., Ph. D.,	*Elmira,*	1882
Prof. JAMES H. HOOSE, A. M., Ph. D.,	*Cortland,*	1884

ELECTED BY CONFERENCES.

CENTRAL NEW YORK CONFERENCE.

		Term Expires.
Rev. D. W. C. HUNTINGTON, D. D.,	*Rochester*,	1879
Hon. DAVID DECKER,	*Elmira*,	1880
Rev. DANIEL W. BRISTOL, D.D.,	*Syracuse*,	1881
WILFRED W. PORTER, M.D.,	*Geddes*,	1882

GENESEE CONFERENCE.

EZRA JONES,	*Rochester*,	1879
ISAAC HOLLOWAY,	*Buffalo*,	1880
Rev. J. B. WENTWORTH, D.D.,		1881
FRANCIS H. ROOT,	*Buffalo*,	1882

NEW YORK CONFERENCE.

J. D. SLAYBACK,	*New York*,	1879
Rev. WILLIAM H. FERRIS, D.D.,	*New York*,	1880
Rev. ALONZO FLACK, A.M., Ph.D.,	*Claverack*,	1881

NEW YORK EAST CONFERENCE.

Rev. GEORGE LANSING TAYLOR, D.D.,	*New Rochelle*,	1879
JOHN T. MARTIN,	*Brooklyn*,	1880
W. I. PRESTON,	*New York*,	1881

NORTHERN NEW YORK CONFERENCE.

Rev. E. C. BRUCE, A.M.,	*Adams*,	1879
ELIPHALET REMINGTON,	*Ilion*,	1880
R. M. BINGHAM, M.D.,	*Rome*,	1881
Hon. WILLARD IVES,	*Watertown*,	1882

TROY CONFERENCE.

Prof. HIRAM A. WILSON, A.M.,	*Saratoga*,	1879
Hon. J. W. EATON,	*Albany*,	1880
Rev. JOSEPH E. KING, Ph.D., D.D.	*Fort Edward*,	1881

WYOMING CONFERENCE.

Rev. H. R. CLARKE, D.D.,	*Binghamton*,	1879
Hon. DAVID WILBOR,	*Milford*,	1881
Rev. W. H. OLIN, D.D.,	*Wilkes Barre, Pa.*,	1882

Officers of the Board.

PRESIDENT:

DAVID DECKER.

FIRST VICE-PRESIDENT:

Hon. GEORGE F. COMSTOCK, LL. D.

SECOND VICE-PRESIDENT:

FRANCIS H. ROOT.

SECRETARY:

Rev. D. W. C. HUNTINGTON, D. D.

TREASURER:

JONATHAN C. CHASE.

EXECUTIVE COMMITTEE:

E. O. HAVEN, GEORGE F. COMSTOCK,
THOMAS B. FITCH, JOHN CROUSE,
W. W. PORTER, J. J. BELDEN,
E. F. HOLDEN.

GENERAL AGENT:

Rev. E. C. CURTIS, - - 727 Irving Street.

Visitors—1878-'9.

CENTRAL NEW YORK CONFERENCE.—H. S. Chubbuck, M.D., Elmira; Prof. A. Boothby, Fulton; Rev. F. Ball, D.D., Phoenix.

GENESEE CONFERENCE.—Rev. I. N. Brown, Rochester; Rev. I. N. Bidwell, Buffalo.

NEW YORK CONFERENCE.—Rev. Silas Fitch, Germantown; Rev. W. F. Hatfield, New York.

NEW YORK EAST CONFERENCE.—Rev. G. L. Taylor, D.D., Wolcottville, Conn.; Rev. G. P. Mains, A.M., New Britain, Conn.; F. N. Bardwell, Esq.

NORTHERN NEW YORK CONFERENCE.—Rev. M. G. Bullock, Ph.D., Oswego; Rev. L.D. White, Utica; Rev. W. Dempster Chase, Utica; Rev. W. H. Reese, Rome.

TROY CONFERENCE.—Rev. H. C. Farrar, Troy; W. H. Rowson, Keeseville; Rev. H. Graham, Albany; Rev. Homer Eaton, Albany.

WYOMING CONFERENCE.—Rev. W. B. Westlake, Montrose, Pa.; Rev. I. B. Sumner, Binghamton; Rev. R. W. Van Schoick, Providence, Pa.; Rev. D. C. Olmstead, Wilks-Barre, Pa.; Lewis Pughe, Esq.

OFFICERS

—OF—

Instruction and Government.

REV. E. O. HAVEN, D.D., LL.D.,
CHANCELLOR OF THE UNIVERSITY,
and Professor of the English Language and Literature,
(22 Hall of Languages,) 5 Harlow Block.

JOHN R. FRENCH, LL.D.,
Professor of Mathematics and Dean of the College of Liberal Arts,
(53 Hall of Lang.) 728 Chestnut St.

REV. W. P. CODINGTON, A.M.,
Professor of Greek and Ethics, (40 Hall of Lang.) Ostrom Av.

REV. JOHN J. BROWN, A.M.,
Professor of Chemistry and Physics, (40 Hall of Lang.) 40 Univ. Av.

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Professor of History and Logic, (54 Hall of Lang.) 731 Irving St.

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Professor of Modern Languages and Esthetics, and
DEAN *of the College of Fine Arts,*
(66 Hall of Lang.) 383 East Av.

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Professor of Geology, Zoology and Botany, (Museum) 52 Univ. Av.

W. LOCKE RICHARDSON, A.M.
Instructor in Elocution, (36 Hall of Lang.) Cor. Chestnut and Marshall.

FRANK SMALLEY, A.M.,
Adjunct Professor of the Latin Languages, and Literature, (36 Hall of Lang.) 39 Univ. Av.

GEORGE H. HOOPER, A.M.,
Adjunct Professor of Modern Languages, (60 Hall of Lang.) 46 Univ. Av.

JOHN TOWLER, M.D.,
Professor of Chemistry and Toxicology, Geneva.

FREDERICK HYDE, M.D.,
Professor of Principles and Practice of Surgery, Cortland.

HENRY DARWIN DIDAMA, M.D.,
Professor of Principles and Practice of Medicine, and Clinical Medicine, Syracuse.

NELSON NIVISON, M.D.,
Professor of Physiology, Pathology and Hygiene, Burdett.

JOHN VAN DUYN, A.M., M.D.,
Professor of General, Special and Surgical Anatomy, 4 Britcher Block.

CHARLES E. RIDER, M.D.,
Professor of Opthalmology and Otology, Rochester.

HARVEY B. WILBUR, A.M., M.D.,
Lecturer on Insanity, Idiot Asylum.

WILFRED W. PORTER, M.D.,
Professor of Obstetrics and Diseases of Women, Geddes.

WILLIAM T. PLANT, M.D.,
Professor of Clinical and Forensic Medicine and Diseases of Children, 18 Harrison St.

ROGER W. PEASE, M.D.,
Professor of Operative and Clinical Surgery 36 Montgomery St.

ALFRED MERCER, M.D.
Professor of Minor and Clinical Surgery, 40 Montgomery St.

J. OTIS BURT, A.M., M.D.,
Professor of Materia Medica and Therapeutics, 104 Irving St.

WM. MANLIUS SMITH, A.M., M. D.,
Professor of Medical Chemistry and Botany, 7 Myers Block, Syracuse.

J. WILTSIE KNAPP, M.D.,
Demonstrator of Anatomy, Geddes.

DAVID M. TOTMAN, A. M., M.D.,
Instructor in Physiology, 25 Mulberry St., Syracuse.

BRACE W. LOOMIS, M.D.,
Instructor in Histology, 87 Warren St., Syracuse.

J. G. JUSTIN, M.D.,
Instructor in Chemistry, 188 S. Salina St., Syracuse.

G. R. METCALF, A.M. M.D.,
Instructor in Materia Medica, 42 Montgomery St., Syracuse.

ARCHIMEDES RUSSELL,
Professor of Architecture, (10 Larned Building) 30 Orange St.

GEORGE K. KNAPP,
Professor of Painting, (Hall Block) Mulberry St.

WARD V. RANGER,
Professor of Photography, (Wieting Block) 310 Mulberry St.

E. ELY VAN DE WARKER, M.D.,
Professor of Artistic Anatomy, 45 Montgomery St.

HENRY B. ALLEWELT,
Professor of Decorative Art, 278 North Salina St.

WILLIAM H. SCHULTZE, Mus. D.,
Musical Director and Professor of History and Theory of Music,
(79 Hall of Languages) 13 Univ. Ave.

FRANK L. CURTIS, Mus. M.,
Professor of Piano, (80 Hall of Languages) 727 Irving St.

S. HARDING ILSLEY,
Professor of Vocal Music, (79 Hall of Languages) Remington House.

JAMES BARNES,
Instructor on the Organ, 11 Highland St.

R. FRANK DALLAS, B.P.,
Instructor in Drawing, 30 E. Jefferson.

REV. ALONZO FLACK, A.M., Ph. D.,
Principal of Gymnasium "A," Hudson River Institute, Claverack.

REV. E. W. HALL, A.M.,
Principal of Gymnasium "B," Cazenovia Seminary, Cazenovia.

REV. GEO. N. DAINS, A.M.,
Principal of Gymnasium "C," Ives Seminary, Antwerp.

O. W. STURDEVANT, A.M.,
Principal of Gymnasium "E," Onondaga Academy, Onondaga Valley.

COLLEGE

—OF—

LIBERAL ARTS.

FACULTY

—OF THE—

College of Liberal Arts.

REV. E. O. HAVEN, D.D., LL.D.,
President and Professor of the English Language and Literature.

JOHN R. FRENCH, LL.D.,
DEAN *and Professor of Mathematics.*

REV. W. P. CODINGTON, A.M.,
Professor of Greek and Ethics.

REV. JOHN J. BROWN, A.M.,
Professor of Chemistry and Physics.

REV. CHARLES W. BENNETT, D.D.,
Professor of History and Logic, and Librarian.

GEORGE F. COMFORT, A.M.,
Professor of Modern Languages and Esthetics.

ALEXANDER WINCHELL, LL.D.,
Professor of Geology, Zoology and Botany.

W. LOCKE RICHARDSON, A.M.,
Instructor in Elocution.

FRANK SMALLEY, A.M.,
Adjunct Professor of the Latin Language and Literature.

GEORGE H. HOOPER, A.M.,
Adjunct Professor of Modern Languages.

JOHN R. FRENCH,
Secretary of the Faculty.

Students.

SENIOR CLASS.

			City Address.
Charles Beach Atwell,	l.s.	*Watertown*,	514 Chestnut.
Maltbie Davenport Babcock,	c.	*Syracuse*,	40 McBride.
Francisco Fernando de Barros, Jr.,	c.e.	*S. Paulo, Brazil*,	Vanderbilt House.
Fernando Paes de Barros,	c.e.	*S. Paulo, Brazil*,	112 W. Genesee.
John Dexter Belknap,	l.s.	*Geddes*,	Box 36, Geddes.
William Clarke Bennett,	c.	*Syracuse*,	731 Irving.
Albert Sylvester Congdon,	c.	*Syracuse*,	South Beech.
James Wm. Armitage Dodge,	c.	*Syracuse*,	340 Chestnut.
John DuMont Eckert,	c.	*Kingston*,	49 Univ. Ave.
Edmund Bremen Gearhart,	c.	*Catawissa, Pa.*,	251 E. Genesee.
Inez Maria George,	s.	*Wheeling, W. Va.*,	40 Univ. Ave.
Nellie Louise George,	c.	*Wheeling, W. Va.*,	40 Univ. Ave.
Daniel Cady Gere,	s.	*Syracuse*,	133 W. Genesee.
Willis Augustus Holden,	s.	*Syracuse*,	156 S. Salina.
Frank Hopkins,	l.s.	*Onondaga*,	Genesee c. Univ. Ave.
Horace Humboldt Howe,	l.s.	*Fredonia*,	428 Chestnut.
James Chester Knapp,	c.	*Lima*,	49 Univ. Ave.

NOTE.—The letter c. indicates the Classical Course; l. s., the Latin-Scientific; g. s., the Greek-Scientific; s, the Scientific; and c. e., the Civil Engineering Course.

			City Address.
William Dixon Marsh,	c.	*Potsdam*,	609 Irving.
Eugene G. Matson,	l.s.	*Brookville, Pa.*,	61 Spruce.
Pedro de Mello-Souza, Jr.,	c.e.	*S. Paulo, Brazil*,	620 Chestnut.
Robert Johnson Mix,	l.s.	*Syracuse*,	56 Hawley.
Julian Henry Myers,	c.	*Potsdam.*	609 Irving.
Pedro Do Brazil Paulista,	c.e.	*Brazil Campinas*,	Vanderbilt House.
Franklin Pierce,	c.	*Cortland*,	4 Harlow Block.
Antonio de Sampaio Pires-Ferreira,	c.e.	*Rio de Janeiro, Brazil*,	Vanderbilt House.
Antonio de Queiroz-Telles,	c.e.	*Jundiahy, S. Paulo, Brazil*,	Vanderbilt House.
Charles Watson Rowley	c.	*Hyndsville*,	620 Chestnut.
Harriet Sophia Seager,	l.s.	*Phelps*,	609 Irving.
Byron Nye Shoecraft,	c.	*Oneida*,	120 Warren.
Jay Nathaniel Taft,	g.s.	*Kingston, Ontario*,	———
John Francis Tallman,	c.	*Poughkeepsie*,	15 Univ. Ave.
Eduardo de Andrade Villares,	c.e.	*Porto, Portugal*,	Vanderbilt House.
Frank Nash Westcott,	l.s.	*Syracuse*,	66 Catharine.
Frank Ingram Willsea,	c.	*Lima*,	49 Univ. Ave.
James William Wilson,	c.	*Canastota*,	120 Warren.

JUNIOR CLASS.

Wilbur Watson Alden,	s.	*Syracuse*,	56 Chestnut.
Erasmus Darwin Angell, Jr.,	l.s.	*East Virgil*,	15 Univ. Ave.
Frank Elton Arthur	c.	*Lowville*,	Marshall.
Frederick Socrates Ayres,	c.	*Elmira*,	150 So. West.
Joshua Edward Bigelow,	c.e.	*Syracuse*,	57 Warren.
Jennie Cynthia Burns,	s.	*Phelps*,	609 Irving.
Frederic Augustus Cook	l.s.	*Lockport*,	214 E. Genesee.
Henry Thomas Dawson,	l.s.	*North East, Pa.*,	4 Harlow Block.

			City Address.
Gideon Frank Draper,	c.	*Coxsackie*,	609 Irving.
Mira Enid Haven,	l.s.	*Syracuse*,	5 Harlow Block.
Watson S. Hawkins,	c.	*Potsdam*,	141 Harrison.
Eloise Holden,	l.s.	*Syracuse*,	156 S. Salina.
Lazell R. Hopkins,	c.	*Weedsport*,	155 Harrison.
David Howard Hotchkiss,	s.	*Syracuse*,	42 E. Onondaga.
Alice Eugenie Jeffres,	s.	*La Grange*,	238 E. Genesee.
Joshua Bates Larned,	s.	*Stafford, Conn.*,	E. Genesee and Univ. Ave.
Albert Charles Loucks,	c.	*Lowville*,	620 Genesee.
George Gary Miner,	c.	*Fredonia*,	214 E. Genesee.
Theodore Bland Noss,	c.	*Strasburg, Va.*,	514 Chestnut.
Edward Drake Roe,	c.	*Elmira*,	19 Mulberry.
Martin Russell Sackett,	c.	*Plymouth*,	Remington House.
Charles Sumner Seager,	l.s.	*Phelps*,	609 Irving.
Benjamin Jay Shove,	c.	*Syracuse*,	614 Chestnut.
Wilbur S. Smithers,	c.	*Heuvelton*,	47 Univ. Ave.
William Herbert Stevens,	c.	*Watertown*,	143 E. Genesee.

SOPHOMORE CLASS.

Elmer Vincent Aldridge,	c.	*Trumansburg*,	61 Spruce.
Bertha Boomer,	s.	*Brooklyn*,	75 Gifford.
Edgar Huntington Brown,	c.	*West Troy*,	643 Irving.
Sidney Hebbard Cook,	c.	*Syracuse*,	90 Montgomery.
Casper Gilbert Decker,	l.s.	*Elmira*,	731 Irving.
Giles Benton Everson,	c.	*Manlius*,	251 E. Genesee.
Ernest Leonard Fox,	c.	*Northwestern*,	228 Madison.
Helen Eliza Gere,	l.s.	*Belle Isle*,	Belle Isle.
John Sidney Gibson,	c.	*Jordan*,	510 Chestnut.
Montgomery Moore Goodwin,	c.	*Chicago, Ill.*,	49 Univ. Ave.
George Arthur Gregory,	l.s.	*Unadilla*,	———
Theodore Woodruff Haven,	c.	*Syracuse*,	5 Harlow Block.
Loren Hodgkins,	c.	*S. Onondaga*,	94 E. Jefferson.
Frederick Herbert Howard,	c.	*Syracuse*,	72 1-2 Tully.
Carrie Lydia Hull,	l.s.	*Forestville*,	Univ. Ave.

			City Address.
George Edmund Hutchings,	c.	*Cardiff*,	212 E. Genesee.
William Elbert Judd,	s.	*Villanova*,	214 E. Genesee.
Henry Fidelio King,	c.	*Tully*,	155 Harrison.
William Bastian Konkle, Jr.,	s.	*Mantoursville, Pa.*,	522 Chestnut.
Charles Palmeter Luce,	c.	*Onondaga Valley*,	514 Chestnut.
Boyd McDowell,	l.s.	*Elmira*,	731 Irving.
Carrie Emily Pitkin,	c.	*Syracuse*,	38 Madison.
William Henry Roberts,	c.	*Syracuse*,	Box 357.
Fred Jay Shackleton,	c.	*Waverly*,	155 Harrison.
Carrie Shevelson,	c.	*Syracuse*,	1 Lang Block, Olive.
David Eugene Smith,	l.s.	*Cortland*,	15 Univ. Ave.
William Mansfield Trumbower,	s.	*Hacketstown, N. J.*,	49 Univ. Ave.
Adelaide Louise Vincent,	l.s.	*Sherman*,	38 Univ. Ave.
Lora Eliza Watson,	l.s.	*Hemlock Lake*,	607 Irving.
William Wallace Wilcox,	l.s.	*Kirkville*,	648 Chestnut.
Whiting Sweeting Worden,	c.	*Syracuse*,	34 Mulberry.
Ida Young,	c.	*Syracuse*,	7 Seymour.

FRESHMAN CLASS.

Dean Albert Alvord,	c.	*DeWitt*,	DeWitt.
Stephen Beckwith Ayres,	c.	*Penn Yan*,	731 Irving.
Irving Longstreet Barker,	c.	*Onondaga Valley*,	132 Univ. Ave.
Samuel Emory Budd,	s.	*Newark*,	4 Harlow Block.
Frank Wallace Collins,	c.	*Dryden*,	297 Gifford.
George W. Bradford Cook, Jr.,	c.	*Syracuse*,	90 Montgomery.
Henry Albert Dickinson,	c.	*Cortland*,	15 Univ. Ave.
John Cronise Draper, Jr.,	s.	*Canandaigua*,	609 Irving.
John Richard Dunkerly,	s.	*Williamsport, Pa.*,	522 Chestnut.
Emma Augusta Everding,	s.	*Syracuse*,	65 Grape.

			City Address.
Louis Elisha Fuller,	c.	*Danforth*,	9 Kennedy.
Newton Hall, 2d,	c.	*Syracuse*,	313 Irving.
George Arthur Hamilton,	c.	*Geddes*,	4 W. Fayette.
Frank Wilder Hemenway,	c.	*Mexico*,	610 Chestnut.
Bertha Holden,	l.s.	*Syracuse*,	156 S. Salina.
Olin Raymond Howe,	c.	*Fabius*,	— Onondaga.
Alfred Ames Howlett,	c.	*Syracuse*,	115 W. Genesee.
Charles Edward Humbert,	c.	*Syracuse*,	108 Butternut.
George Hiram Kennedy,	l.s.	*Syracuse*,	134 E. Genesee.
Oscar C. Kinyon,	c.	*Syracuse*,	375 Spring.
Nicholas Knight,	c.	*Mexico*,	Ostrom Ave.
George Peck Loomis,	c.	*Wilkesbarre, Pa.*,	15 Univ. Ave.
George McGowan,	c.	*Geddes*,	Geddes.
Charles D. Mercer,	c.	*Syracuse*,	90 Montgomery.
Clayton L. Morey,	c.	*Lockport*,	4 Harlow Block.
Francisco de Souza Motta,	c.e.	*Rio de Janeiro, Brazil*,	Empire House.
Emma B. Norton,	s.	*Morrisville*,	42 Univ. Ave.
Benson H. Requa,	c.	*Springwater*,	4 Harlow Block.
William D. Rockwell,	s.	*Voorheesville*,	643 Chestnut.
Charles W. Sittser,	c.	*Weedsport*,	42 Almond.
Colin Alexander Spalding,	s.	*Syracuse*,	124 E. Genesee
Samuel E. Sprole	c.	*Syracuse*,	96 Court.
William J. Stevens,	s.	*Syracuse*,	143 James.
Vance Turtelot,	l.s.	*Herkimer*,	247 Madison.
Charles Mark Turton	c.	*S. Onondaga*,	147 Montgomery.
Larenzo Dow Tyler,	c.	*Damascus, Pa.*,	15 Univ. Ave.
Leon Harry Vincent,	c.	*Mauch Chunk, Pa.*,	313 Irving.
Edwin Marvin Wells,	c.	*Manlius*,	251 E. Genesee.
Joshua Lewis Welter,	c.	*Kingston, Pa.*,	15 Univ. Ave.
Lizzie Whitford,	l.s.	*Syracuse*,	2 1-2 Russell.

COLLEGE

—OF—

MEDICINE.

Faculty of the College of Medicine.

REV. E. O. HAVEN, D.D., LL. D.,
CHANCELLOR.

JOHN TOWLER, M.D.
Professor of Chemistry and Toxicology.

FREDERICK HYDE, M.D.,
DEAN *and Professor of Principles and Practice of Surgery.*

HENRY DARWIN DIDAMA, M.D.,
Professor of Principles and Practice of Medicine, and Clinical Medicine.

NELSON NIVISON, M.D.,
Professor of Physiology, Pathology and Hygiene.

JOHN VAN DUYN, M.D.,
Professor of General, Special and Surgical Anatomy.

CHARLES E. RIDER, M.D.,
Professor of Opthalmology and Otology.

HARVEY B. WILBUR, M.D.,
Lecturer on Insanity.

WILFRED W. PORTER, M.D.,
Professor of Obstetrics and Diseases of Women.

WILLIAM T. PLANT, M.D.,
REGISTRAR *and Professor of Clinical and Forensic Medicine and Diseases of Children.*

ROGER W. PEASE, M.D.,
Professor of Operative and Clinical Surgery.

ALFRED MERCER, M.D.,
Professor of Minor and Clinical Surgery.

J. OTIS BURT, M.D.,
Professor of Materia Medica and Therapeutics.

WM. MANLIUS SMITH, M.D.,
Professor of Medical Chemistry and Botany.

J. WILTSIE KNAPP, M.D.,
Demonstrator of Anatomy.

DAVID M. TOTMAN, M.D.,
Instructor in Physiology.

BRACE W. LOOMIS, M.D.,
Instructor in Histology

J. G. JUSTIN, M.D.,
Instructor in Chemistry.

GEORGE R. METCALF, M.D.,
Instructor in Materia Medica.

Students.

THIRD YEAR.

		City Address.
C. A. Boyce,	*Franklin*,	50 Almond.
A. L. Hall,	*Central Square*,	50 Almond.
Harry Gifford, jr.,	*Syracuse*,	Gifford cor. Niagara.
G. W. Sargeant,	*Syracuse*,	Mulberry cor. Castle.
A. S. Wightman,	*Syracuse*,	28 Furman.
A. A. Young,	*Youngs*,	32 E. Jefferson.

SECOND YEAR.

A. D. Allen,	*Gorham*,	32 E. Fayette.
C. E. Bennett,	*Cortland*,	94 E. Jefferson.
Andrew Buchanan,	*Syracuse*,	132 S. Salina.
G. P. Clark,	*Syracuse*,	126 S. Salina.
L. A. Gould,	*Farmer*,	12 Quince.
A. C. Haven,	*Syracuse*,	5 Harlow Block.
Peppino Melfi,	*Naples, Italy*,	620 Chestnut.
O. W. Oberlander,	*Syracuse*,	87½ Butternut.
N. G. Richmond,	*Mount Upton*,	25 Montgomery.
C. S. Roberts,	*Bridgeport*,	78 N. Salina.

FIRST YEAR.

Eugene Boorom,	*Farmer Village.*	
T. B. Brooks,	*Taylor Centre*,	94 E. Jefferson.
J. Burroughs,	*Westfield, Mass.*,	142 S. West.
B. F. Chase,	*Fayetteville*,	74 E. Washington.
George L. Curtis,	*Boston, Mass.*,	3 Elbridge.

		City Address.
D. Erway,	*Hector,*	45 E. Washington.
J. W. Fry,	*Syracuse,*	140 W. Genesee.
H. A. Gelhaar,	*Syracuse,*	122 Butternut.
Samuel Griffiths,	*Osceola.*	
C. J. Heath,	*Chittenango,*	11 Quince.
J. Hennessey,	*Palmyra,*	45 E. Washington.
M. W. Herriman,	*Syracuse,*	59 W. Onondaga.
C. D. Holden,	*Syracuse,*	156 S. Salina.
H. C. Hugunin,	*Sodus.*	
Walter W. Jamieson,	*Amboy Centre.*	
J. W. Knapp,	*Jamesville,*	28 Almond.
Leon Meyer,	*Syracuse,*	Remington House.
Willis E. Millington,	*Rome.*	
W. H. Mills,	*Syracuse,*	219 W. Genesee.
John C. Owens,	*Vernon.*	
Walter Smith,	*Manlius.*	
Herbert B. Wright,	*Elbridge.*	

COLLEGE

—OF—

FINE ARTS.

Faculty of the College of Fine Arts.

REV. E. O. HAVEN, D.D., LL. D.,
CHANCELLOR.

GEORGE F. COMFORT, A.M.,
DEAN OF THE FACULTY, *and Professor of Esthetics and History of the Fine Arts,*

ARCHIMEDES C. RUSSELL,
Professor of Architecture.

GEORGE K. KNAPP,
Professor of Painting.

WARD V. RANGER,
Professor of Photography.

E. ELY VAN DE WARKER, M.D.,
Professor of Artistic Anatomy.

WILLIAM H. SCHULTZE, MUS. D.,
Musical Director and Professor of History and Theory of Music.

HENRY B. ALLEWELT,
Professor of Decorative Art.

FRANK L. CURTIS, MUS. M.,
Professor of the Piano.

S. HARDING ILSLEY,
Professor of Vocal Music.

JAMES BARNES,
Instructor on the Organ.

Students.

SENIOR CLASS.

			City Address.
Wesley A. Arnold, A. B.,	ar.	*Syracuse,*	Box 44.
Martha Baldwin,	p.	*Rose,*	229 Madison.
Mary O. Fox,	s. m.	*Oneonta,*	Remington House.
Eva L. Harrison,	p.	*Georgetown,*	607 Irving.
Elizabeth F. Haywood,	p.	*Fredonia,*	12 Univ. Ave.
Catherine E. Hogoboom, M. S.,	m.	*Ithaca,*	607 Irving.
George H. Liddle,	p.	*Salem,*	6 Harrison.
A. O. Perreira Mendes,	ar.	*S. Paulo, Brazil,*	Vanderbilt House.
Eliza M. Pitkin,	s. m.	*Syracuse,*	38 Madison.
Adelaide J. Whitbread,	m.	*Syracuse,*	Orange.
Otto H. Wenzlawski	m.	*Syracuse,*	5 Jaycox.
Julia F. Yale,	p.	*Elmira,*	Marshall.

JUNIOR CLASS.

Bessie J. Allen,	p.	*Cicero,*	53 Burnet.
Maltbie D. Babcock,	s. m.	*Syracuse,*	40 McBride.
Flora Baldwin,	m.	*Rose,*	229 Madison.
Jennie M. Beebe,	s. m.	*Syracuse,*	426 Chestnut.
Edgar M. Buell,	ar.	*Syracuse,*	63 E. Castle.
Julia E. Chamberlain,	m.	*Geddes,*	Geddes.
Fannie A. Cobb,	p., s. m.	*Syracuse,*	77 E. Fayette.

NOTE—The letters p., ar., or m., indicate the regular course in Painting, Architecture or Music; s. p, s. ar., or s. m., that the student is pursuing selected studies in the indicated courses.

			City Address.
Laura S. Congdon,	p., s. m.	*Syracuse,*	218 S. Beach.
Ella D. Corey,	m.	*Syracuse,*	197 Montgomery.
Jessie B. Decker,	m.	*Syracuse,*	8 Burnet.
Ruth A. Eastwood,	m.	*Geddes,*	10 First North.
Mary E. Gates,	m.	*Syracuse,*	676 Irving.
Fanny R. Goodspeed,	m.	*Syracuse,*	Windsor House.
Mary I. Hamilton,	m.	*Moravia,*	607 Irving.
Charlotte N. Hardee,	m.	*Syracuse,*	2 Shonnard.
Helen M. Johonnot,	s. m.	*Syracuse,*	338 Park.
Fleda Kellogg,	s. m.	*Syracuse,*	S. Salina.
Blanche Shove,	p.	*Syracuse,*	614 Chestnut.
Emily Waters,	s. p.	*Syracuse,*	143 Seymour.
Dora A. Westfall,	p.	*Geddes,*	338 W. Genesee.
Albert C. Wells,	p.	*Malone,*	152 Harrison.

SOPHOMORE CLASS.

Alice Bannister,	p.	*Syracuse,*	16 Holland.
Caroline B. C. Bridges,	s. m.	*Syracuse,*	732 Irving.
Alice E. Clark,	m.	*Syracuse,*	3 Marshall.
Elizabeth C. Clark,	m.	*Oswego,*	69 Irving.
Grace A. Clark,	p.	*Watertown,*	44 Univ. Ave.
Valentine Drescher,	m.	*Syracuse,*	57 Union.
Lucy A. Humphries,	m.	*Clarkville, Tenn.,*	56 Univ. Ave.
Francisco Gomez D'Oliviera,	ar.	*Bahia, Brazil,*	Vanderbilt House.
Ida C. Marion,	m.	*Syracuse,*	207 E. Genesee.
James W. May,	ar.	*Morganfield, Ky.,*	228 Madison.
Florence M. Palmer,	m.	*Syracuse,*	115 E. Fayette.
Addie M. Pharis,	m.	*Geddes,*	21 Orchard.
Gregorio de Miranda Pinto	ar.	*Rio de Janeiro, Brazil,*	Vanderbilt House.
Charlotte L. Seely,	m.	*Syracuse,*	4 Marshall.
Flora I. Smith,	m.	*Canton,*	229 Madison.
Lulu E. Smith,	m.	*Syracuse,*	232 Madison.
Elizabeth V. Soule,	m.	*Syracuse,*	140 S. West.

			City Address.
Helen P. Thurber,	m.	*Syracnse,*	64 Willow.
Mary Whitford,	ar.	*Syracuse,*	2½ Russell.
Cora M. Willard,	m.	*Syracuse,*	44 Univ. Ave.

FRESHMAN CLASS.

Arley E. Arnold,	s. m.	*Syracuse,*	Pinnock Place.
Fannie E. Becker,	s. m.	*Mexico,*	52 Univ. Ave.
Henrietta Boyden,	s. m.	*Liverpool.*	
Anna Brandon,	m.	*Petrolia, Pa.*	
Augusta Bridges,	s. p.	*Syracuse,*	732 Irving.
Kate I. Burns,	m.	*Syracuse,*	
William H. Carpenter,	s. p.	*Syracuse,*	152 Harrison.
Addie R. Fay,	s. m.	*Syracuse,*	62 Geddes.
Mary T. French,	m.	*Mexico,*	29 E. Jefferson.
Carrie E. Green,	m.	*Rushville,*	37 Univ. Ave.
G. A. Hamilton,	s. m.	*Geddes,*	
Helen M. June,	m.	*Syracuse,*	108 Beach.
Virginia T. Long,	s. p.	*Charlotteville, Va.,*	61 Fayette Park.
Silas D. Loughmiller,	s. m.	*New Albany, Ind.,*	
Alice M. Mann,	m.	*Syracuse,*	67 Willow.
Carrie A. Porter,	m.	*North Western,*	Harrison.
Emma J. Porter,	m.	*Syracuse,*	Court and Park.
Elizabeth S. Pratt,	m.	*Fayetteville.*	
Addie J. Ranger,	m.	*Syracuse,*	310 Mulberry.
Jennie E. Reals,	s. m.	*Syracuse,*	629 Irving.
Katharine D. Smith,	p.	*Syracuse,*	S. Beech.
Arnold D. Scammell,	s. m.	*Syracuse,*	289 Grape.
Ida A. Squier,	p.	*Syracuse,*	221 E. Washington.
Louise V. Shepard, M. Ph.	s. m.	*Rome,*	42 Univ. Ave.
Marcia F. Terry,	s. m.	*Syracuse,*	289 Grape.
Clara Cornelia Towne,	m.	*Syracuse,*	141 E. Genesee.
Nellie P. Tuller,	m.	*Syracuse,*	42 Montgomery.
Mary E. Van Hoesen,	s. p.	*Tully.*	
A. Velasko,	m.	*Syracuse.*	
Adelaide L. Vincent,	s. m.	*Sherman,*	38 Univ. Ave.
Helen M. Wiggins,	s. m.	*Syracuse,*	322 W. Genesee.

Degrees Conferred

BY THE UNIVERSITY IN 1878.

LL. D.—(Doctor of Laws.)

Rev. Daniel Curry, D. D.
Rev. Charles H. Fowler, D.D., LL. D. *ad eundem.*

D. D.—(Doctor of Divinity.)

Rev. William P. Abbott.
Rev. William H. Olin.

Ph. D.—(Doctor of Philosophy.)

George G. Bush, *on examination.*
Henry P. Mott, *on examination.*
E. M. Mills, *on examination.*
William Nottingham, *on examination.*

M. A.—(Master of Arts.)

Alpha R. Beal,
Judson B. Coit,
Wilbur F. Flint, *ad eundem.*
Erastus W. Goodier,
Charles D. Lathrop,
Elias S. Osbon,
James H. Shults, *on examination.*
Milton D. Buck,
Richard E. Day, *on examination.*
James M. Gilbert,
Bartholomew Keeler, *on examination.*
John C. Nichols,
Hiram L. Peet,
Melville J. Wells.

M. Ph.—(Master of Philosophy.)

Louise V. Shepard, *on examination.* Lucien M. Underwood, *on examination.*

M. S.—(Master of Science.)

Catherine E. Hogoboom, William A. Wood.

M. P.—(Master of Painting.)

Mark M. Maycock.

M. Mus.—(Master of Music.)

Frank L. Curtis, Charles F. Webber.

M. D.—(Doctor of Medicine.)

Seth B. Allen,
Garrison L. Brown,
Morris H. Connor,
Newton H. Curtis,
William H. Dunlap,
William H. Forsyth,
A. Clifford Mercer,
Horace D. Babcock,
Alban B. Chidester,
Milton A. Curtiss,
Millie E. Dann,
Jennie S. Elder,
M. Virginia Glauner,
James D. Owen.

B. A.—(Bachelor of Arts.)

Charles H. Eggleston,
Thomas H. Fairfax,
Edward L. Harris,
George W. Izer,
Curtis E. Mogg,
Theodore M. Nichols,
George W. Weaver,
James E. Ensign,
Arthur H. Giles,
Rhoderick P. Hollett,
Arthur L. Knight,
Philip I. Moule,
Wesley Watson,
Francis A. Woodward,
Joseph H. Zartman.

B. Ph.—(Bachelor of Philosophy.)

Shirley E. Brown,
Farrington L. Meade,
George E. Ryan,
Edward L. Harris,
George W. Peck,
Samuel J. Sornberger.

B. S.—(Bachelor of Science.)

Kate M. Foster.

C. E.—(Civil Engineer.)

José C. Alves de Lima,
William A. Wood.

B. P.—(Bachelor of Painting.)

Mary E. Barber,
Robert F. Dallas,
Mary A. Bingham,
Harriet R. Dingman,
Frank N. Westcott.

B. Mus.—(Bachelor of Music.)

Eunice A. Curtis,
Ella I. French.

Alumni Association.

OFFICERS FOR 1878-9.

PRESIDENT.

REV. CHARLES H. FOWLER, D.D., LL.D., - - *New York.*

VICE-PRESIDENTS.

CHARLES D. LATHROP, M. A., - - - *New York.*
JOHN S. MORGAN, M. A., - - - - - *Rochester.*
MRS. REV. J. S. BROWNELL, M. A., - - - *Jordan.*

CORRESPONDING SECRETARY,

JAMES M. GILBERT, M. A., - - - - *Syracuse.*

RECORDING SECRETARY,

REV. MILES G. BULLOCK, M. A. PH. D., - - - *Oswego.*

NECROLOGIST.

PROF. JOHN J. BROWN, M. A., - - - *Syracuse.*

EXECUTIVE COMMITTEE,

REV. THERON COOPER, M. A., - - - - *Syracuse.*
CHESTER A. CONGDON, B. A., - - - - *Syracuse.*
WILLIAM NOTTINGHAM, M. A. PH. D., - - - *Syracuse.*
REV. OTIS L. GIBSON, M. A., - - - - *Lima.*
REV. WM. H. REESE, M. A., - - - - *Rome.*

Summary of Students.

COLLEGE OF LIBERAL ARTS.

Senior Class,	35	
Junior Class,	25	
Sophomore Class,	32	
Freshman Class,	40	132

COLLEGE OF MEDICINE.

Third Year,	6	
Second Year,	10	
First Year,	22	38

COLLEGE OF FINE ARTS.

Senior Class,	12	
Junior Class,	21	
Sophomore Class,	20	
Freshman Class,	31	84
Total,		254

Calendar.

COLLEGE OF LIBERAL ARTS.

1879.	April	8.	*Tuesday*, Spring Term begins.
	May	1.	*Thursday.* Seniors present their graduation theses.
	June	11-13.	*Wednesday-Friday.* Final Examination of Seniors.
	"	13.	*Friday.* Senior Vacation begins.
	"	16-17.	*Monday-Tuesday.* Special Examinations.
	"	18-20.	*Wednesday-Friday.* Term Examinations.
	"	20.	*Friday*, 8 P. M. Elocutionary Rehearsal of Sophomore Class.
	"	22.	*Sunday*, 7½ P. M. Baccalaureate Sermon.
	"	23.	*Monday*, 9 A. M. Entrance Examinations—Latin.
			2 P. M. Class Day Exercises.
	"	24.	*Tuesday*, 9 A. M. Entrance Examinations—Mathematics.
			2 P. M. Entrance Examination— Greek.
			2 P. M. Annual Meeting of Trustees.
			2 P. M. Business Meeting of Alumni Association.
			8 P. M. Literary Meeting of Alumni Association in the Chapel—Alumni Reception.
	"	25.	*Wednesday*, 9 A. M. Entrance Examinations—English Grammar.
			10½ A. M. Entrance Examinations—Modern Geography.
			2 P. M. Eighth Annual COMMENCEMENT.
	"	27.	*Thursday*, 9 A. M. Entrance Examinations—Nat. Philosophy.
			10½ A. M. Entrance Examinations—United States History.
			Summer Vacation begins.
	Sept.	15-17.	*Monday-Wednesday.* Entrance Examinations in the same order as in June.
	"	18.	*Thursday.* Fall Term begins. Students assemble in Chapel at 9:30 A. M.
	Oct.	28.	*Tuesday.* Senior Exhibition in the Chapel.
	Dec.	2.	*Tuesday.* Senior Exhibition in the Chapel.
	"	15-16.	*Monday-Tuesday.* Special Examinations.
	"	17-19.	*Wednesday-Friday.* Term Examinations.
	"	19.	*Friday.* Fall Term ends. Holiday Recess begins.
1880.	January	5.	*Monday.* Winter Term begins.
	"	27.	*Tuesday.* Senior Exhibition.
	"	29.	*Thursday.* Day of Prayer for College.
	March	16.	*Tuesday.* Senior Exhibition.
	"	25-26.	*Thursday-Friday.* Special Examinations.
	"	29-31.	*Monday-Wednesday.* Term Examinations.
	"	6.	*Tuesday.* Spring Term begins.

General Information.

The Syracuse University is the natural outgrowth of a conviction entertained by the large body of people interested in its administration, that they should have such an institution under their control, not far from the centre of the State of New York. Like nearly all universities, ancient and modern, it has been founded and is largely controlled by a people who are united by a common religious purpose, and it is intended to promote the highest welfare of its students, physical, mental and moral. The conviction that such an institution was needed was often expressed in Conferences and Conventions, and finally in 1870, embodied itself in a resolution of a large State Convention, to establish without delay in the city of Syracuse, or its immediate vicinity, a University. The city of Syracuse, in its corporate capacity, presented for this purpose one hundred thousand dollars, and the managers of the enterprise, in return for this favor, have secured an additional property of at least four hundred thousand dollars more, and also provided in their Charter for a Board of Trustees, to be composed of some of the chief officers of the State, and also largely of persons not committed particularly to one religious denomination, so as to ensure at once freedom from sectarianism in politics and religion. Not wholly under the control of either the State or the Church, but responsible to both, it will endeavor to cultivate the positive excellences that each would ensure, and avoid the exclusiveness, or evils of any kind, that might follow a bondage to either. An intention to accomplish this end will

explain some of the peculiarly liberal provisions of the By-Laws, adopted by the Trustees.

On a beautiful site of fifty acres overlooking the city, Onondaga Lake, and the surrounding country, an elegant and spacious building for the Colleges of Liberal Arts and of Fine Arts has been completed; a good and substantial building for the Medical College, near the heart of the city, has been purchased; and a productive endowment fund of about one hundred thousand dollars has been secured. More money has been conditionally pledged by some of its friends, and it is confidently hoped that within a short time it will be placed beyond pressing want. Thus, situated as it is, near the center of the State, with many friends who are determined that it shall be a permanent fountain of the best culture in science, philosophy, art and religion, it will continue to receive donations, large and small, and will fulfill the noble purposes of its founders.

COLLEGES OF THE UNIVERSITY.

Three Colleges are at present organized and in operation. These are

I. The College of Liberal Arts.

II. The Medical College.

III. The College of Fine Arts.

All the Colleges of the University are open for the admission of women on the same terms as men.

GYMNASIA OF THE UNIVERSITY.

Certain Seminaries of good standing, in different parts of the State, have, by mutual arrangement, entered into the relation of Preparatory Schools to the University. This neither interferes with the independent control of the Seminaries, nor imposes any burdens upon the University. As this relation exists especially with the College of Liberal

Arts, it implies that the Faculty of this College are satisfied with the character of the preparatory instruction given; that examinations for admission to the College shall be conducted by the officers of the Seminary, at stated times mutually agreed upon, and according to methods approved by the Faculty; and finally, that all persons examined, who attain to a prescribed standard, may be admitted to the College without further examination in the same studies. Five Seminaries have thus far entered into the relation of Gymnasia, viz.: The Hudson River Institute and Female College, at Claverack; The Cazenovia Seminary, at Cazenovia; The Ives Seminary, at Antwerp; The Amenia Seminary, at Amenia, and the Onondaga Academy, at Onondaga Valley. Other Seminaries, Academies and High Schools are invited to place themselves in a similar relation.

LIBRARIES.

The General Library offers desirable facilities for reference and general reading, consisting of a little more than 10,000 volumes. The Library of the Medical College is kept at their building. With the General Library, in the Hall of Languages, is connected a reading room, which is open from nine A. M. to one P. M. daily, except Sundays. This room is provided with a large supply of periodical literature.

MUSEUMS.

The University has Ward's complete College series of casts of geological specimens, handsomely mounted and exhibited. The Curator of the State Cabinet of Natural History, Prof. James Hall, LL. D., has, by direction of the State Legislature, selected and sent to our Museum a large series of geological specimens from the duplicates of the State Cabinet. The private collection of the Professor of

Geology, Zoölogy and Botany, consisting of several thousand specimens, chiefly paleontological, is also placed at the service of students.

The Medical College has an excellent Museum, extensive in the department of Pathology, and amply provided with the means of illustration of the Materia Medica. The College of the Fine Arts has several thousand photographs, engravings and chromolithographs procured in Europe and America, together with a sufficient number of plaster preparations and copies to answer the demands of the course of instruction.

DEGREES.

The University confers the degree of "Artium Baccalaureus" (A. B.) upon those who complete, with final approval, the Classical Course; the degree of "Philosophiæ Baccalaureus" (Ph. B.) upon those who complete the Latin Scientific or the Greek Scientific Course; the degree of "Bachelor of Science" (B. S.) upon those who complete the Scientific Course; the degree of "Civil Engineer" (C. E.) upon those who complete the prescribed Course; the degree of "Philosophy" (Ph. D.) upon those only who pass the examinations required for that degree; the degree of "Bachelor of Architecture" (B. Ar.) upon those who complete the Course in Architecture; the degree of "Bachelor of Painting" (B. P.) upon those who complete the Course in Painting; the degree of "Bachelor of Music" (Mus. B.) upon those who complete the required Course of study; and the degree of "Doctor of Medicine" (M. D.) upon those who complete the Course in the Medical College. The second degree in each course will be conferred three years after the first degree, upon such as pursue liberal studies. For the especial requirements in the College of Fine Arts see the appropriate chapter on that College. Applicants should apply to the Chancellor.

POST GRADUATE COURSES OF STUDY.

Some students having completed one of the undergraduate courses of study, desire to remain in the University longer and avail themselves of the means of instruction still further. It seems proper that the higher degrees should be obtained by them sooner than by others who leave the University on graduation, and enter upon business or professional study, and devote but little time to those special departments of investigation to which the higher degrees refer.

One year's exclusive study at the University, devoted to such subjects as may be approved by the Faculty, will usually enable a graduate to secure the appropriate higher degree. To aid such students in the prosecution of their enterprise, the Professors have determined to furnish all facilities in their power to resident graduates, enabling them to occupy their time profitably in thorough study for at least one year. No particular course or courses of study are specially required, but any who wish to devote a year to such study are requested to consult personally with the Faculty.

DEGREES TO NON-RESIDENTS.

Occasionally persons who could not or did not avail themselves of the advantages of study at any college in earlier life long enough to complete a course of study, or indeed to any extent, but who nevertheless believe that they have substantially completed a college course of study in private, or could do so hereafter, express a desire to obtain a degree on the completion of this course of study as a substantial and correct certificate of their actual merit. It is very evident that a large part of the profit of a university course of study arises from association with the students and the Faculty, and from work done that cannot possibly be detected or indicated in an examination.

Though this may be partially or even wholly compensated for by the great energy and perseverance requisite to complete such a course outside of a university, yet all honest lovers of merit and truth would deprecate the lowering of the standard of established degrees. At the same time real scholarship should be acknowledged.

On these principles, graduation, with the appropriate degree will be offered to any person, at least twenty-eight years of age, who will give evidence on examination, that he has completed any course of study required in the College of Liberal Arts, or in the College of the Fine Arts. No substitutions that would lower the standard of scholarship will be allowed. The work described must substantially be done. Where instruction in the University is given by lectures, those subjects must be studied, as presented by good authors.

Correspondence with the Chancellor will lead to a more full statement from the particular Professors of the work required in their special departments. Any persons intending to apply for examinations for any degree, on this basis, will inform the Chancellor at least four weeks before Commencement.

The examinations will be conducted fairly and systematically, and the aim will be to bestow the honors upon those, and only upon those, who have fairly earned them. The fee in such instances will be what is charged for tuition one year. Examinations for the higher degrees will be offered also to any who desire them. In all such cases the degrees will be conferred upon such as have honestly earned them, in the estimation of the Faculty and competent committees.

ALUMNI ASSOCIATION.

The Alumni have organized an Association which holds its anniversary on Tuesday of Commencement Week, designated as ALUMNI DAY. During the Annual Meeting, the

important duty of electing the representatives of the Alumni in the Board of Trustees is attended to.

HOMES AND CIVIL RELATIONS OF STUDENTS.

The University does not provide board and rooms for those in attendance. Students are allowed to select their own homes in families approved by the Faculty. They become citizens, amenable, like all others, to the laws and ordinances of the place.

EXPENSES.

A matriculation fee of $5.00 is required of all on admission.

In the College of the Liberal Arts, the charge for Tuition, including all fees, (except an incidental one to students in the Chemical Laboratory, to defray the cost of material used,) is $20.00 per term; to sons and daughters of clergymen, $10.00. In necessitous cases, the charge for tuition may be paid in a note signed by the student, payable at his earliest convenience, and bearing no interest till after the time of graduation, or of leaving the College. Fee for graduation $20.00. *Board* with furnished room, can be obtained in the city for from $3.50 to $5.00 per week.

Bills for tuition must be paid or secured to the satisfaction of the Registrar, at or before the expiration of two weeks from the opening of each term.

In the Medical College, the charges are: Matriculation, $5.00; Lecture Term, $65.00; The Year, $100; Graduation, $25.00; Demonstrator's Fee, $5.00. The fee for the third year to students who have fully paid for the first and second years, will be $50.00.

In the College of the Fine Arts, the charges are: Matriculation, $5.00; Tuition, $100 a year (or $33 1-3 a term); Graduation, $20.00.

For further information relating to board or expenses, application should be made to the Chancellor.

College of Liberal Arts.

TERMS.

The Collegiate year begins on the third Monday in September, and the first three days are devoted to examinations for entrance. The first term, consisting of fourteen weeks, ends on the Friday before Christmas, and is followed by a vacation of two weeks. The remainder of the Collegiate year is divided into two terms without an intervening vacation. The Second Term of the year contains thirteen weeks, and the third term twelve. COMMENCEMENT is held on the last Wednesday in June.

Students will find it for their interest to be present on the first day of each term, though one can enter at any time, on passing the requisite examinations. Absence from any regular class exercise, or appointed duty, cannot be allowed without an excuse satisfactory to the Faculty.

COURSES OF STUDY.

The Classical Course is substantially the same as is pursued in the best American Colleges for the degree of A. B., and is intended to afford a thorough training in the classical languages and literature and mathematics. It introduces also the study of modern languages and sciences in proper proportion.

The Latin-Scientific Course is substantially identical with the Classical, except in the substitution of German for Greek in the Freshman year, and other subjects for that language in the other years.

The Greek-Scientific Course is the same as the Latin-

Scientific Course, except that Greek stands in the place of Latin.

The Scientific Course instead of Latin and Greek, substitutes German and French, and some additional studies in mathematics, natural sciences, literature, history and philosophy.

The Course in Civil Engineering is intended to give the student such instruction in the theory and practice as will qualify him for immediate usefulness in the field and office in a subordinate capacity, and fit him to fill satisfactorily the higher positions in the profession, after a moderate amount of experience.

In the Junior year, nearly one-third of the student's time is devoted to subjects of his own selection, within a certain range ; in the Senior year, the range of selection is somewhat larger.

Students not proposing to pursue either of the above courses fully, can, as far as prepared, make selections from any of them.

The total number of recitations per week, required of each student, is sixteen ; and this does not include the rhetorical exercises, which are also required in all the courses of study. During the third term elocution is specially attended to, as is explained more fully under that head.

CONDITIONS OF ADMISSION.

1. Classical Course.

Candidates for admission to the Freshman Class are required to pass a written examination in the following studies :

(1.) English Grammar.—*Kerl's Comprehensive*, entire, or its equivalent.

(2.) Geography.—*Modern Geography*, Physical and Civil, and *Ancient Geography*, particularly that of Italy, Greece,

and Asia Minor, as given in Allen's Classical Hand-book, or Baird's Manual.

(3.) HISTORY.—*United States History* from the discovery of America to the close of the War of 1812. *Merivale's History of Rome*, first twenty-five chapters. Smith's larger *History of Greece*, the first fourteen chapters.

(4.) MATHEMATICS.—*Arithmetic*, entire. *Algebra*, Fundamental Rules, Fractions, Simple Equations, Elimination, Involution and Evolution, and the Calculus of Radicals, as treated in Robinson's New University Algebra, or its equivalent. *Plane Geometry*, the first five books of Davies' Legendre, or their equivalent.

Certificates of having passed the Regents' Examinations for the State of New York will be accepted for the studies which they cover.

(5.) NATURAL PHILOSOPHY.—Dr. J. Dorman Steele's Text Book.

(6.) LATIN.—*Latin Grammar;* Four Books of *Cæsar's Commentaries;* Four Orations of *Cicero against Catiline; Sallust's Catiline;* Six books of the *Æneid*, with special reference to the Prosody ; *Allen & Greenough's Latin Composition*, part 1st complete. The requisite amount of Roman History and of Latin Prose must in no case be omitted, as the College Course begins in each at the point indicated.

(7.) GREEK.—*Greek Grammar;* Three books of *Xenophon's Anabasis;* Two books of the *Iliad*, with special reference to Prosody.

2. LATIN-SCIENTIFIC COURSE.

Candidates for admission are examined in the studies required for the Classical Course, excepting the Greek.

3. GREEK-SCIENTIFIC COURSE.

Candidates for admission are examined in the studies required for the Classical Course, excepting the Latin.

4. Scientific Course.

Candidates for the Scientific Course are examined in the studies named in (1); (2), except Ancient Geography; (3), except Ancient History; (4); (5); and in one of the Latin Authors named in (6).

5. Course in Civil Engineering.

Candidates for the Course in Civil Engineering are examined in the same studies as for the Scientific Course, except Latin.

Any who do not desire to complete either of the regular courses of study, may take selected studies and recite in such Classes as their qualifications will permit. They will be expected to attend such general exercises as may be assigned them, and be subject to all the general rules, and to take work enough to occupy all their time.

Candidates for advanced standing are examined in the studies previously pursued by the classes which they propose to enter, or must give evidence that they have pursued an equivalent amount of study. Certificates of good character will be required.

EXAMINATIONS FOR ADMISSION.

Entrance examinations will be held in 1878, as follows: In *Latin*, Monday, June 24; in *Greek* and *Mathematics*, Tuesday, June 25; in other preparatory studies, Wednesday, June 26. They will also be held in the same order on Monday, Tuesday and Wednesday, September 16, 17 and 18.

The examinations will begin at 9 a. m. of each day.

TREATMENT OF SUBJECTS.

I.—ENGLISH LANGUAGE, LITERATURE AND RHETORIC.

The subjects taught in this Department are the English Language, English Composition, Rhetoric and English Literature.

Classes in this Department will also be required to present exercises in the various forms of literary composition.

The Text-books at present used are as follows:

FRESHMAN YEAR.

3d Term. Haven's Rhetoric.

SENIOR YEAR.

1st Term. *Manual of English Literature.* Shaw.

2d Term. Shaw's *Manual*, completed. Much of the instruction is given in the form of lectures, and the students are taught how to investigate the subject for themselves.

2.—LATIN.

It is the purpose in the Latin Course to read such selections as will best illustrate or represent the successive periods of Roman History, and to concentrate upon them the light of History, Geography and contemporaneous Art and Literature.

FRESHMAN YEAR.

1st Term. Livy, Book XXI.
Allen and Greenough's *Latin Prose*, Part Second.
Merivale's *History*, Chapter XXVI–XL.
The Origin of the Latin Language.
The Literature and Architecture of the Period.

2d Term. Plautus. Rudens.
Merivale's *History*, Chapter XLI–L.
Roman Dramatic Literature.
Allen and Greenough's *Latin Prose*, completed.

3d Term. Horace, Odes and Epodes.
Scanning of Horatian metres.
Merivale's *History* LI–LX.
Written exercises in Idiomatic, Literal and Free translation from the Latin.
Roman Lyric Literature.

SOPHOMORE YEAR.

2d Term. Horace, Satires and Epistles.
Merivale's *History*, LXI–LXXI.
Mythological Essays.
Roman Satirists and the Literature of the Golden Age.

JUNIOR YEAR.

1st Term. Champlin's Selections from Tacitus.
Merivale's *History*, LXXII–LXXX.
Historical Essays.
Roman Historians and the Later Roman Literature.

3d Term. Cicero's Tusculan Disputations.
History of Roman Religion and Philosophy.
Essays and Orations in Latin.

3.—GREEK LANGUAGE AND LITERATURE.

The subjects taught in this Department are the Language, Literature, History, Geography and Archæology of Ancient Greece.

In teaching the LANGUAGE, we aim to enrich the student's vocabulary, to develop within him a power of interpretation and continuous attention, and to cultivate the accurate and fluent use of words.

Attention is given to the application of grammatical laws, to the oral or written translation of Greek into English and English into Greek, the distinction of synonyms, the comparison of idioms, the origin, growth and decay in the form and sense of words, together with the laws of their interchange among the cognate tongues.

In the higher classes, the text is examined with more special reference to the style, subject-matter and spirit of the author.

The study of the HISTORY, GEOGRAPHY and ARCHÆOLOGY is pursued not only for the intrinsic value of the subject, but also to give a just appreciation of the age and spirit of the authors read, and thus lift the work of translation up from the mechanical transfer of words, to the higher study of humanity.

FRESHMAN YEAR.

1st Term. Owen's *Homer's Iliad*, three books.
Hadley's *Greek Grammar*, to page 78, with special reference to dialectic forms of words.

2d Term. Felton's *Selections from the Greek Historians*, pages 412–457 inclusive.
Hadley's Grammar, to page 200.
Arnold's *Greek Prose Composition*, the first twenty exercises.

3d Term. Champlin's *Demosthenes on the Crown*, pages 1–39 inclusive.
Arnold's Greek Prose Composition, continued.

SOPHOMORE YEAR.

1st Term. *Demosthenes on the Crown*, continued.
Arnold's *Greek Prose Composition*, finished.
Goodwin's *Moods and Tenses*, alternating, during the term, with *Greek Prose Composition*.

3d Term. Plato's *Apology*, or *Œdipus Rex*, entire.
Goodwin's *Moods and Tenses*, daily.

SENIOR YEAR.

2d Term. (Elective.) Plato's *Apology*, or *Œdipus Rex*.
Goodwin's *Moods and Tenses*, finished.

4.—MODERN LANGUAGES.

As no preliminary study of these languages is required, it is necessary to commence with the rudiments. From the very outset, through the entire course of instruction, the theoretical and practical methods are carried hand in hand. The time devoted to these languages is divided between tracing their philological features and their relations to other cognate languages, pursuing various practical exercises in conversation and writing, and the study of classical, scientific and artistic literature.

In the German language, the first year is devoted to Comfort's German Course and First German Reader. The second year is devoted to the same author's larger German Reader, and

Manual of German Conversation, and to the reading of portions of Weber's History of German Literature, and of William Tell and other classic dramas.

In the French Language, the first year is devoted to Bôcher's edition of Otto's French Grammar, and to the reading of about fifty pages of DeFiva's French Reader; the second year to reading Duruy's History of France, Demogeot's History of French Literature, and various works of the classic drama.

In the Italian language, Cuore's Grammar is employed, and Giudici's Italian Literature, and various classical dramas are read.

5.—MATHEMATICS.

FRESHMEN.—*Algebra*—Review of Calculus of Radicals—Quadratic Equations—Theory of Indeterminate Co-efficients—Binomial Theorism and its application to the development of Functions—Theory and use of Logarithms—Indeterminate Analysis—Elements of the Theory of Equations—Sturm's Theorem—and Horner's Method of Solving Higher Equations. The text book used is Olney's University Algebra.

Geometry.—Regular Polygons—Measurement of the Circle—Maxima and Minima of Plane Figures—Solid and Spherical Geometry—using Chauvenet's work.

SOPHOMORES.—*Trigonometry* (Olney's) Plane and Spherical—*Land Surveying* and *Leveling* (Davies') with exercises in the field.

General Geometry—(Olney's)—Construction of Equations—Production of Equations of Plane Loci—Transformation of Co-ordinates—Properties of the Conic Sections.

Calculus—(Olney's) *Differential:* Differentiation of Functions of a Single Variable—Maclaurin's and Taylor's Theorems with Binomial Theorem and Theory of Logarithms deduced—Maxima and Minima of Functions of a Single Variable—Evaluation of Intermediate Forms. *Integral:* Elementary, Forms—Binomial Differentials—Rectification and Quadrature of Plane Curves—Cubature of Volumes of Revolution.

JUNIORS—*Mechanics* (Peck's University Edition) Elective in the Classical and Latin Scientific Courses, required in the Scientific Course—Composition of Forces—Centre of Gravity—Problems in Construction—Discussion of Machines—The Pendulum — Projectiles — Work — Composition of Rotation.

Astronomy—(Norton's Enlarged Work)—Required in all the Courses—Elementary Principles—Determination of Latitude, Longitude and Time—Precession—Aberration—Determination of the Elements of a Planet's Orbit—Computation of the Rising and Setting of the Sun—Eclipses, with the computation in full of an Eclipse of the Moon.

Acoustics and Optics.—(Bartlett's) Elective in the Classical and Latin-Scientific Courses, required in the Scientific Course—Waves—Velocity of Sound in Gases, in Liquids — Molecular Displacement — Interference of Sound—New Divergence, Reflection and Refraction of Sound—Deviation of Light at Plane and Spherical Surfaces—Optical Images—Spherical Aberration—Caustics—Astigmatism—Theory of the Telescope.

6.—CHEMISTRY AND PHYSICS.

Instruction in Physics will be embraced in recitations and lectures, which, during the first term of the Sophomore year, will be confined to the laws of solids, liquids and gases; the second term to Heat, and the third to Light and Electricity.

In Chemistry, which extends through the first and second terms of the Junior year of each Course, the first year's instruction will be devoted to the History of Chemistry, Chemical Philosophy, Stoichiometry and the Univalent Elements; the second to the remaining group of Elements. These lectures will be illustrated by experiments, and will be attended by thorough reviews and examinations.

Students in Analytical Chemistry will be admitted to the Chemical Laboratory, and will conduct with their own hands, a systematic course of analysis under the supervision and direction of the Professor.

To those desiring it, instruction will be given in Chemical Technology, Blow-pipe examinations and Toxicological investigations.

7.—GEOLOGY, ZOOLOGY AND BOTANY.

The subject of Physiology occupies the attention of students in all the Courses, three hours a week through the first term of the Freshman year. Instruction is given in Structural and Systematic Zoology two hours a week during the first and second Terms, which the Scientific Sophomores are required to attend, and which is elective with Juniors in the Latin Scientific Course, and Seniors in the Classical Course. The method is chiefly by familiar lectures and conversations; but the student is also required to read such works as Agassiz and Gould's *Zoology*, Milne-Edwards' *Zoologie* (or the one in Knox's translation,) and Tenney's *Natural History*. More advanced students in Zoology will use, in the laboratory, Coue's *Key to North American Birds*, Packard's *Guide to the Study of Insects*, and the Smithsonian Manuals on Mammals, Fishes, Insects and Land and Fresh Water Mollusca.

Botany is taken up in the third term by the Sophomores of the Latin-Scientific and Scientific Courses, occupying two hours a week. Instruction is given largely in the form of familiar lectures, but the student is required to read Gray's *Lessons in Botany*, or some equivalent. In systematic Botany the student works with plant in hand, under the guidance of the instructor, and Gray's Manual is required for constant reference.

Geology is required five hours a week in all the courses during nearly if not quite all of the second term of the Senior Year. The instruction during the first part of the term is directed largely to the data of the science, and is imparted in the form of familiar lectures, with suitable illustrations of various kinds. The work of the second part is a comprehensive and systematic review of the great doctrines of the science, leaving the less essential details in the background. In the geological laboratory, students sufficiently advanced will be permitted to handle the specimens exhibited in the museum, and engage in lithological and paleontological investigations. The text book

used in the general subject is Dana's *Manual.* Steele's *Fourteen Weeks in Geology*, and Winchell's *Sketches of Creation*, or Dawson's *Story of the Earth and Man*, are recommended for general reviews. For more advanced students, Cotta's *Manual of Lithology*, Pickett's *Paleontology*, and other works will be recommended.

8.—HISTORY.

History is studied in its principles as well as its facts. To familiarize the student with the best methods of study, and to suggest appropriate courses of historical reading, are among the important objects aimed at. The instruction is both by Lecture and Text-book.

Freshman Year. During the First Term, Lectures are given on "Historical Propædeutics," in which the methods of historic study and writing are examined, and the necessary auxiliaries of History—Chronology, Geography, Genealogy and Ethnography—are discussed in their character and application. During the 2d and 3d terms, "Rawlinson's Ancient History," (except the portions on Greece and Rome,) is studied. Special attention is directed to the valuable authorities mentioned by this author, and their scope and relative value are estimated.

Sophomore Year. During the First Term, twenty-four lectures are given on the Causes and Consequences of the downfall of the Roman Empire, the Rise and Influence of the Christian Church; Mohammed and Mohammedanism; Charlemagne as warrior, legislator and man; the Causes, Extent and Consequences of the Crusades; the Rise, Growth and Influence of the Free Cities, &c. In connection with these lectures, the class read portions of "Hallam's Middle Ages," especially Chapters II and IX. During the 2d and 3d terms, Taylor's "Manual of Modern History" is used as a text-book. The Reformation and Post-Reformation history is examined. In addition to the text-book, during the 2d term, twelve lectures on the "Growth of the French Constitution" are given; and during the 3d term, twelve

lectures on "American Colonial History." Throughout the year, dissertations and portraitures of important historical characters are prepared by the class.

Junior and Senior Years. The instruction in these years is entirely by lecture. Interesting special courses are accessible to both classes. Much attention is given to the examination of the great Revolutions of modern times, since these have a special charm for the general student, the statesman and the philosopher. The twelve lectures on the "Philosophy of History," are designed, primarily, to summarize the principles and laws that have been discovered and illustrated during the preceding years.

8.—ESTHETICS.

Weekly lectures are given on Esthetics during the first term, and on the History of Fine Arts during the second and Third terms of the Senior year. The appliances of the College of Fine Arts are employed to illustrate these lectures.

Students in the Scientific and Latin-Scientific Courses are required, and students in the Classical course may elect, to attend the classes in the College of the Fine Arts for two hours a week during one term, in each of the following branches: Free Hand Drawing, Mechanical Drafting, and Architectural Drafting. Students in the Scientific Course are also required to attend classes in Perspective Drawing two hours a week during the second and third terms of the Sophomore Year.

10.—ELOCUTION.

It will be observed in the Table of Studies, that Elocution is expressly taught only to the Freshman, Sophomore and Junior classes, in the third term of each year. During this term the other studies require only thirteen hours a week in the lecture-room, and three hours at least every week are devoted to instruction and drill in Elocution. This is in addition to any work in writing that may be required by the Professor of English Language and Literature, or the other Professors. The instruction in Elocution is therefore extensive and systematic, and will

embrace principles, vocal drill, declamations, readings, and a thorough training for exhibitions and public exercises. The Freshmen will write at least what is equivalent to three essays a term of not less than five hundred words each, on subjects assigned to them. The Sophomores will write three essays a term of not less than seven hundred words each.

The Juniors will deliver each one original address, each term, in the chapel, of not less than seven hundred words.

The Seniors will hold several Public Exhibitions, sufficient to give every member of the class an opportunity to speak at least once. In the third term each student is required to present a commencement oration of one thousand words, on or before the first of May. From these orations selections will be made for delivery at Commencement.

Arrangements will be made for exercises in extemporaneous speaking.

All declamations, orations and essays provided for above, will be presented on days previously appointed by the instructor in elocution. Ladies, if they prefer, are permitted to substitute essays and readings for orations and declamations.

11.—METAPHYSICS AND LOGIC.

I.

In this Department it is designed, by Lectures, and the use of Text-books, to trace briefly the History of Mental Science, and by class discussion, by essays upon appointed themes, and by a course of select reading, to render the student familiar with the characteristic principles of the leading historic systems.

The Text-books in use are as follows:

JUNIOR YEAR; Second Term. *The Human Intellect*, Porter.
Third Term. Porter's *Human Intellect*, finished.

II.

SENIOR YEAR. Third Term. Morell's *History of Modern Philosophy*.

Bowen's Logic is studied during the first and second terms of the Junior year. To the class are assigned frequent exercises in

Classification, Argumentation and Method. During the third term, twelve lectures are given on the "History of Logic in the West."

12.—ETHICS AND CHRISTIAN EVIDENCES.

In the Department of Ethics and Christian Evidences, the subjects are taught by Text-books and Lectures.

SENIOR YEAR; First Term. Calderwood's *Moral Philosophy.*
Second Term. Hopkin's *Evidences of Christianity.*
Third Term. Hopkin's *Evidences of Christianity*, continued.

RELIGIOUS OBSERVANCES.

All the students assemble every morning in the Chapel, except Saturdays and Sundays. The exercises consist of reading the Scriptures and prayer.

Students are also required to attend religious worship regularly, at least once on the Sabbath.

Parallel Courses of Study.

NOTE.--Studies in Roman letters are required ; those in Italics are elective. Numerals indicate the number of class exercises per week.

FRESHMAN YEAR.

	CLASSICAL.	LATIN-SCIENTIFIC.	SCIENTIFIC.	CIVIL ENGINEERING.
FIRST TERM.	Algebra, 4. Physiology, 2⅓. Latin, 4⅓. Greek, 5.	Algebra, 4. Physiology, 2⅓. Latin, 4⅓. German, 5.	Algebra, 4. Physiology, 2⅓. Physical Geography, 2. German, 5. Free Hand Drawing, 2, (4.)	Algebra, 4. Physiology, 2⅓. Physical Geography, 2. German, 5. F. H. Drawing from Pat'ns, 2, (4.)
SECOND TERM.	Algebra, 4. Ancient History, 2. Latin, 5. Greek, 5.	Algebra, 4. Ancient History, 2. Latin, 5. German, 5.	Algebra, 4. Ancient History, 2. Physical Geography, 2. German, 5. Mechanical Drafting, 2, (4.)	Algebra, 4. Ancient History, 2. Physical Geography, 2. German, 5. F. H. Draw. from Objects, 2, (4.)
THIRD TERM.	Geometry, 5. Latin, 3. Greek, 2. Rhetoric, 3. Elocution, 3.	Geometry, 5. Latin, 3. German, 2. Rhetoric, 3. Elocution, 3.	Geometry, 5. Physical Geography, 2. German, 2. Rhetoric, 3. Architectural Draft'g, 2, (4.) Elocution, 3.	Geometry, 5. Physical Geography, 2. German, 2. Rhetoric, 3. Decorative Drawing, 2, (4.) Elocution, 3.

PARALLEL COURSES OF STUDY.—Continued.

SOPHOMORE YEAR.

FIRST TERM.	Trigonometry, 4. Medieval History, 2. German, 4. Physics, 3. Greek, 3.	Trigonometry, 4. Medieval History, 2. German, 3. Physics, 3. Hist. of Eng. Rev's, 2. Free Hand Drawing, 2, (4.)	Trigonometry, 4. Medieval History, 2. German, 3. Physics, 3. History of Eng. Rev's, 2. Perspective Drawing, 2, (4.)	Trigonometry, 4. Physics, 3. German, 3. OrthographicalProjections 5(10)
SECOND TERM.	Analytical Geometry, 4. Modern History, 3. German, 3. Physics, 3. Latin, 3.	Analytical Geometry, 4, Modern History, 3. German, 2. Physics, 3. Latin, 3. Mechanical Drafting, 2. (4.)	Analytical Geometry, 4. Modern History, 3. German, 2. Physics, 3. Zoology, 4.	Analytical Geometry, 4. Zoology, 4. German, 2. Physics, 3. Orthographical Projections,2,(4)
THIRD TERM.	Calculus, 4. Modern History, 3. German, 3. Greek, 3. Elocution, 3. *Surveying and Mens.* 4.	Calculus, 4. Modern History, 3. German, 2. Botany, 2. Elocution, 3. *Surveying and Mens.* 4. Architectural Drafting, 2, (4.)	Calculus, 4. Modern History, 3. German, 2. Botany, 2. Elocution 3. Surveying and Mens, 4. *Perspective Drawing*, 2, (4.)	Calculus, 4. Surveying and Geodesy, 4. German 2. Botany, 2. *Elocution*, 3. Topographical Drawing, 2, (4.)

PARALLEL COURSES OF STUDY—*Continued.*

JUNIOR YEAR.

FIRST TERM.	French, 2. Logic, 5. Chemistry, 2. Latin, 3. *German*, 3. *Hist. of Eng. Rev's*, 2. *Tribal Migrations*, ½. *Free Hand Drawing*, 2, (4.) *Hebrew*, 2.	French, 2. Logic, 5. Chemistry, 2. Latin, 3. *Political Economy*, 3. *Tribal Migrations*, ½. *Calculus*, 4.	French, 2. Logic, 5. Chemistry, 2. *Calculus*, 4. *English Literature*, 5. *Tribal Migrations*, ½. *American Revolution*, 1.	Calculus, 4. Chemistry, 2. French, 2. Topographical Drawing, 2, (4.) *Logic*, 5. *Tribal Migrations*, ½. *English Revolution*, 2.
SECOND TERM.	French, 4. Astronomy, 4. Chemistry, 4. *Mechanical Drafting*, 2, (4.) *Anglo Saxon*, 1. *German*, 2. *Comparative Philology*, 2. *Hebrew*, 2.	French, 4. Astronomy, 4. Chemistry, 4. *Hist. of French Rev.*, 2. *Anglo Saxon*, 1. *Zoology*, 4.	French, 4. Astronomy, 4. Chemistry, 4. History of French Rev., 2. *Anglo Saxon*, 1. *German Literature*, 2.	French, 4. Spherical Astronomy, 4. Chemistry, 4. Lettering, 2, (4.) *Anglo Saxon*, 1. *German Literature*, 2.
THIRD TERM.	French, 3. Psychology, 4. Latin, 3. Elocution, 3. *Mechanics*, 5. *Hist. of Education*, 1. *German*, 2. *English Tongue*, 2. *Greek Literature*, 2. *Plato contra Atheos*, 3. *Architectural Draft'g*, 2. *Hebrew*, 2. *Botany*, 2.	French, 3. Psychology, 4. Latin, 3. Elocution, 3. *Mechanics*, 5. *Hist. of Education*, 1. *English Tongue*, 2.	French, 3. Psychology, 4. Elocution, 3. Mechanics, 5. Hist. of Education, 1. *German Literature*, 2. *English Tongue*, 2. *Analytical Chemistry*, 2, (4.)	French, 3. Mechanics, 5. Isometrical Projections, 2, (4.) *Elocution*, 3. *Psychology*, 4. *Hist. of Education*, 1. *German Literature*, 2. *English Tongue*, 2. *Analytical Chemistry*, 2, (4.)

SENIOR YEAR.	FIRST TERM.	Moral Philosophy, 4. Esthetics, 1. Geology 5, (8 weeks.) English Literature, 5, (5 weeks.) *Political Economy*, 3. *Jurisprudence*, 3. *French Literature, or Ita'n*, 2, *Greek Literature*, 2. *Analytical Chemistry*, 3, (6.) *American Revolution*, 1, *Hist. of Hist. Writings*, ½.	Moral Philosophy, 4. Esthetics, 1. Geology, 5, (8 weeks.) English Literature, 5. *Jurisprudence*, 3. *French Lit'e or Italian*, 2. *Analytical Chemistry*, 3, (6.) *American Revolution*, 1. *Hist. of Hist. Writings*, ½.	Moral Philosophy, 4. Esthetics, 1. Geology, 5, (8 weeks.) English Literature, 5. *Political Economy*, 3. *Jurisprudence*, 3. *French Lit'e or Italian*, 2. *Analytical Chemistry*, 3, (6.) *Hist. of Hist. Writings*, ½.	Road Engineering, (4.) Strength of Materials and Engineering Construction, } 5. Shades and Shadows, 2, (4.) *Moral Philosophy*, 4. *Esthetics*, 1. *English Literature*, 5. *Political Economy*, 3. *Jurisprudence*, 3. *French Lit'e or Italian*, 2. *Analytical Chemistry*, 3, (6.) *American Revolution*, 1. *Hist. of Hist. Writings*, ½.
	SECOND TERM.	Art. History, 1. Hist. of Philosophy, 3. Eng. Literature, 5. Philosophy of History, 1. *Rhetoric*, 2. *Political Economy*, 3. *French Lit'e or Ita'n*, 2. *German Literature*, 2. *Zoology*, 4. *Const. Hist. of Eng.*, 2. *Analytical Chemistry*, 2 (4.) *Revs. of the 19th Century*, 3. *Hist. of French Revolution*, 2. *Greek*, 3.	Art History, 1. History of Philosophy, 3. Eng. Lit'e, 5. Philosophy of History, 1. Rhetoric, 2. *Political Economy*, 3. *French Lit'e or Italian*, 2. *German Literature*, 2. *Const. History of England*, 2. *Analytical Chemistry*, 2, (4.) *Revs. of the 19th Century*, 3.	Art History, 1. History of Philosophy, 3. *English Lit'e*, 5. Philosophy of History, 1. Rhetoric, 2. *Political Economy*, 3. *French Lit'e or Italian*, 2. *Const. History of England*, 2. *Analytical Chemistry*, 2, (4.) *Revs. of the 19th Century*, 3.	Bridges and Roofs, 4. Geology, 5, (8 weeks.) Linear, Perspective, 2, (4.) *Art History*, 1. *History of Philosophy*, 3. *Philosophy of History*, 1. *Rhetoric*, 2. *Political Economy*, 3. *French Lit'e or Italian*, 2. *Const. His ory of England*, 2. *Analitical Chemistry*, 2, (4.) *Revs. of 19th Century*, 3. *French Revolution*, 2.
	THIRD TERM.	Art History, 1. Christian Evidences, 5. Constitutional Law, 3. *International Law*, 2. *History of Civilization*, 3. *German Literature*, 2. *Analytical Chemistry*, 3, (6.) *History of Civil Liberty*, 1.	Art. History, 1. Christian Evidences, 5. Constitutional Law, 3. *International Law*, 2. *History of Civilization*, 3. *German Literature*, 2. *Analytical Chemistry*, 3, (6.) *History of Civil Liberty*, 1.	Art History, 1. Christian Evidences, 5. Constitutional Law, 3. *International Law*, 2. *History of Civilization*, 3. *Analytical Chemistry*, 3, (6.) *History of Civil Liberty*, 1.	Stability of Structures, &c., 4. Constitutional Law, 3. Project Draw'g with Specifi's, 5. THESIS. *International Law*, 2. *Christian Evidences*, 5. *Art History*, 1. *History of Civilization*, 3. *Hist. of Civil Liberty*, 1. *Analytical Chemistry*, 3.

College of Medicine.

The Medical College of Syracuse University was founded in 1872.

Mindful of the grave defects in the usual method of teaching medicine in this country, it has been from the outset the purpose of the Faculty to offer to the student the advantages of a graded course of instruction. At first it was left optional with the student to follow the old plan or the new; but after six years of experience the system of gradation has so commended itself to both Faculty and students, that it is adopted as the settled course of this School.

THE COLLEGE COURSE.

The collegiate instruction extends through three years. The studies of the

First Year are Anatomy, Physiology and General Chemistry, Histology and Botany.

Second Year, Anatomy and Physiology continued, Medical Chemistry, Materia Medica, Practice, Surgery, and Clinical Medicine and Surgery.

Third Year, Materia Medica and Therapeutics, Principles and Practice, Surgery and Clinical Medicine and Surgery continued, with Obstetrics, Forensic Medicine, Gynecology, Opthalmology, &c.

TERMS AND VACATIONS.

The College year commences on the first Thursday in October, and ends on the second Thursday in June. It is divided into two Terms, about equal in length, with a vaca-

tion of two weeks between them. There will be a recess of one week at Christmas.

The first term of the next College year will begin on Thursday, October 3, 1878, and end on Thursday, February 6, 1879.

The second term will commence on Thursday, February 21, and end on Thursday, June 12, 1879.

CHARACTER OF INSTRUCTION.

Instruction is given by lectures, recitations from text-books, and various practical exercises, distributed through both terms. The different departments are conducted substantially in the following manner:

Anatomy is taught by lectures and recitations on dissected parts.

Normal Histology is taught by separate lectures and microscopical exercises.

Physiology, by lectures, recitations and experiments.

Chemistry, by recitations and experiments.

Materia Medica and *Therapeutics*, by lectures, recitations and clinical observations.

Pathology, by lectures, the study of morbid specimens, instruction in making autopsies, &c.

Principles and Practice of Medicine, by lectures, recitations, and clinical instruction.

Surgery, by lectures and recitations, and practical exercises in minor and operative surgery.

Clinical Medicine is taught by lectures and practical exercises at the bed-side and in the College. Students are required to examine cases and report them before the class.

Clinical Surgery is taught in the hospitals and in the amphitheatre of the College.

Obstetrics, by lectures and recitations, and illustrations of obstetrical operations on the manikin. As far as possible

opportunity will be given to students of the third year to take charge of midwifery cases.

Forensic Medicine by lectures during the second term.

The lectures on *Insanity* will also be given during the second term.

Diseases of Children and *Dermatology* are taught by lectures and clinical illustrations.

Opthalmology, by lectures and clinics.

Botany will be taught during the second term of the first year.

HOSPITAL ADVANTAGES.

There are two commodious hospitals, in Syracuse—St. Joseph's Hospital and the House of the Good Shepherd. Both are open to the Medical College for the purposes of clinical instruction. In each the hospital staff is made up in part of the clinical teachers.

There is a College Dispensary for the gratuitous treatment of the poor, in connection with the College.

COLLEGE BUILDINGS.

The College grounds are near the center of the city, and are ample for all present and prospective needs. The College Building is convenient and commodious. The School has a new Chemical Laboratory, one of the best appointed in the country, where practical instruction is given to all students of the first year without extra charge excepting for the bare cost of material used.

EXAMINATIONS.

Examinations are frequent and thorough. Students who join the School for the regular course are examined as to their qualifications for the study of medicine, unless they present evidence of scholarship from some creditable source. At the end of the second year, final examinations are given in Anatomy, Physiology and Chemistry.

Students at home or in an office who may desire to join our second year will come prepared for examination on the bones and muscles in Anatomy ; on Nutrition in Dalton's Physiology, and in Chemistry in Elliott and Storer, abridged, omitting from the 14th to 18th chapters.

Students who do not intend to become candidates for the degree may be received at any time and make their own choice of studies. A certificate of time will be given on application to the Registrar.

REQUIREMENTS FOR GRADUATION.

Twenty-one years of age ; good character ; three full years of medical study ; at least one continuous year at this School, and *satisfactory examinations.* Thesis is not required.

FEES AND EXPENSES.

For Matriculation, - - -	$ 5 00
Tuition for the Year, - - -	100 00
For either Term alone, - - -	63 00
For Graduation, - - - -	25 00
Demonstrator's Fee, - - -	5 00

The fee for the third year to students who have fully paid for the first and second years, will be $50.00.

Students in the Chemical Laboratory will be charged $5.00 per term for Laboratory expenses.

Students not in the regular course, receiving instruction in one or two branches, are charged after matriculation, $18.00 per term for a single study.

The fees must be paid at the beginning of the year or term, or satisfactory arrangement made therefor.

Students from other departments of the University will not be required to pay the matriculation fee on joining this School.

No degree can be conferred until all dues to the College are discharged.

Graduates of the School have perpetual free admission.

Graduates of other recognized Medical Schools will be admitted on payment of the matriculation fee.

The expenses of living are less in Syracuse than in many other cities. Board can be obtained for $3.50 and upwards. Students are requested on their arrival in the city, to call on the Registrar, who will assist them in the selection of comfortable and respectable boarding places.

This School makes no distinction as to sex. Women and men receive precisely the same instruction. The system of co-education has been pursued since the School was organized, *with results that fully warrant its continuance.*

Students are advised not to spend much money in the purchase of medical books before coming here, but to bring such as they may have, and consult the Faculty as to further purchases. Everything necessary in the way of text-books is obtainable here as cheaply as anywhere.

SCHOLARSHIPS.

For $500 paid in advance, any person may obtain a certificate of scholarship that will entitle the holder to keep a student in the College for ten years from the date of said certificate.

For $1,000 paid in advance, a certificate may be obtained that will entitle the holder to keep a student in this College perpetually.

ALUMNI ASSOCIATION.

By vote of the Trustees of Syracuse University, the Alumni of Geneva Medical College will henceforth be regarded as alumni of this school, and are invited to become members of the Alumni Association. This Society was

formed in February, 1875. Annual meetings will be held in Syracuse on commencement week. The officers of the Association are—

President, - - -	L. J. AMES, M. D.
1st Vice-President, - -	E. A. AINSWORTH, M. D.
2d Vice-President, -	DAVID M. TOTMAN, M. D.
3d Vice-President, - -	CAIUS E. PRESTON, M. D.
Treasurer, - -	ALFRED MERCER, M. D.
Corresponding Secretary, -	A. S. EDWARDS, M. D.
Recording Secretary, - -	B. W. LOOMIS, M. D.

College of Fine Arts.

ORGANIZATION AND SCOPE.

The College of Fine Arts was established on June 23d, 1872, and was inaugurated on September 18th following. It is the intention that the scope of this College shall ultimately include instruction in all of the Fine Arts, that is: (1) In the *Formative Arts*,—Architecture, Sculpture, Painting, Engraving, and the various forms of Industrial Art; and, (2) In the *Phonetic Arts*,—Music, Oratory, Poetry and Belles-lettres Literature.

At present, courses of Instruction in Architecture, Painting and Music only have been organized. Other courses will be organized as fast as circumstances shall permit.

REQUIREMENTS FOR ADMISSION.

Candidates for admission to the Course in Architecture will be examined in English Grammar, Geography, American History, Arithmetic, Algebra as far as the Calculus of Radicals, Plane Geometry, and Free Hand Drawing, sufficient to represent the progress usually made by students in at least one year of thorough and systematic study.

Candidates for admission to the Course in Painting will be examined in the same studies as above, with the exception that a second year in Drawing will take the place of Algebra and Geometry.

Candidates for admission to the Course in Music will be examined in the same studies as to the Course in Painting,

with the exception that two years of thorough and systematic study in Music will replace the two years in Drawing.

Special students, or those not proposing to graduate in either course, may enter at any time and take up such branches of study as they are prepared to pursue with advantage to themselves, and without detriment to the classes.

EXAMINATIONS AND EXHIBITIONS.

Examinations for entrance and for promotion will, in general, be coincident with those in the College of Liberal Arts. (See calendar at the end of this book.)

An Annual Exhibition of the works of art produced by the students in Architecture and Painting during the year, will be held during the last week of each collegiate year.

An Annual Concert will be given by the students in Music on the last Monday evening of the collegiate year.

DEGREES.

Persons graduating in the Course in Architecture will receive the degree of Bachelor of Architecture (B. Ar.); those in the Course in Painting will receive the degree of Bachelor of Painting (B. P.); those in the Course of Music, that of Bachelor of Music (B. M.) Special students may receive certificates of progress and proficiency.

Graduates in the above courses of study who shall pursue professional work for three years after graduation may receive the second or Master's degree upon the following conditions: The presentation to the College of an approved original work in their respective branches of Art; examination in an approved course of reading in Esthetics and in history of their respective arts; and the payment of a graduation fee of twenty-five dollars.

CALENDAR.

1878—April 9, Tuesday. Spring Term begins.
June 24–26, Monday and Wednesday. Annual Exhibition of Works of Art produced during the year.
June 24, Monday. Annual Musical Soiree.
June 26, Wednesday. Commencement.
September 16–18, Monday and Wednesday. Entrance Examinations.
September 19, Thursday. Recitations commence.
December 20, Friday. Fall Term ends.
1879—January 6, Monday. Winter Term begins.
April 2, Wednesday. Winter Term ends.
April 8, Tuesday. Spring Term begins.
June 25, Wednesday. Commencement.

EXPENSES.

Matriculation to the University, $5 ; tuition, $100 per year, (or $33.33⅓ for a single term) ; graduation, in each course, $20. Board, with furnished room, can be obtained in the city for from $3.50 to $5 per week.

The following Schedules exhibit the Courses of Study in Architecture, Painting and Music.

COURSE IN ARCHITECTURE.

THE FIGURES DENOTE THE NUMBER OF LESSONS OR LECTURES IN EACH BRANCH OF STUDY PER WEEK.

	FRESHMAN YEAR.	SOPHOMORE YEAR.	JUNIOR YEAR.	SENIOR YEAR.
FIRST TERM.	Drawing from Patterns, 5. Drawing from Casts, 5. Algebra, 4. German Language, 5.	Architectural Drafting, 2. Drawing from Nature, 3. Water Color Painting, 2. Perspective Drawing, 2. Trigonometry, 4. Physics, 3.	Architectural Drafting, 5. Esthetics, 1. Perspective Drawing, 2. Medieval History, 2. Calculus, 4. French Language, 2.	Architectural Drafting, 6. History of Architecture, 1. Classical Archæology, 1. Strength of Materials, 5. Italian Language, 2. Two Essays on Art.
SECOND TERM.	Architectural Drafting, 5. Drawing from Patterns, 3. Drawing from Casts, 2. Algebra, 4. German Language, 5.	Architectural Drafting, 3. Perspective Drawing, 2. Water Color Painting, 2. Artistic Anatomy, 2. Etching, 2. Analytical Geometry, 4. Physics, 3. Ancient History, 2.	Architectural Drafting, 5. Oil Painting, 1. History of the Fine Arts in Outline, 2. Photography, 2. French Language, 3. Analytical Mechanics, 5.	Architectural Drafting, 5. Decorative Art, 2. History of Sculpture, 1. Bridges and Roofs, 4. Medieval Archæology, 1. Rhetoric, 2. Italian Language, 2. Two Essays on Art.
THIRD TERM.	Architectural Drafting, 5. Drawing from Nature, 3. Perspective Drawing, 2. Geometry, 5. German Language, 2. Elocution, 3.	Architectural Drafting, 3. Illumination and Lettering, 2. India Ink and Sepia Drawing, 3. Modeling, 3. Calculus, 4. Botany, 2. Surveying and Mensuration, 4.	Architectural Drafting, 5. History of the Fine Arts in Outline, 1. Topographical Drawing, 3. Modeling, 3. French Language, 4. Modern History, 3.	Architectural Drafting, 6. Modern Architecture, 1. History of Painting, 1. Art Criticism, 1. Encyclopedia of Art Literature, 1. Landscape Gardening, 1. Stability of Structures, 4. Graduating Thesis.

COURSE IN PAINTING.

THE FIGURES DENOTE THE NUMBER OF LESSONS OR LECTURES IN EACH BRANCH OF STUDY PER WEEK.

	FRESHMAN YEAR.	SOPHOMORE YEAR.	JUNIOR YEAR.	SENIOR YEAR.
FIRST TERM.	Drawing from Patterns, 5. Drawing from Casts, 5. German Language, 5. Physical Geography, 2. Physiology, 2½.	Drawing from Nature, 3. Perspective Drawing, 5. Water Color Painting, 5. German Language, 2. Medieval History, 2.	Oil Painting, 5. Drawing from Nature, 5. Esthetics, 1. Modeling, 3. English Literature, 5. Chemistry, 1. French Language, 2.	Oil Painting, 5. Drawing from Nature, 3. History of Architecture, 1. Classical Mythology, 1. Classical Archæology, 1. History and Styles of Engraving, 1. Geology, 1. Italian Language, 2. Two Essays on Art.
SECOND TERM.	Drawing from Patterns, 5, Drawing from Casts, 5. Architectural Drafting, 3. German Language, 4. Physical Geography, 2. Ancient History, 2.	Perspective Drawing, 4. Water Color Painting, 5. Artistic Anatomy, 2. Etching, 2. Natural History, 4. Modern History, 3.	Oil Painting, 5. Drawing in Colored Crayons, 3. Drawing from Life, 3. History of the Fine Arts in Outline, 1. Modeling, 3. French Language, 4.	Oil Painting, 6. Decorative Art, 2. History of Sculpture, 1. Christian Archæology, and Symbolism in Art, 1. Rhetoric, 2. Italian Language, 2. Philosophy of History, 1. Two Essays on Art.
THIRD TERM.	Drawing from Nature, 5. Architectural Drafting, 3. Perspective Drawing, 2. Geometry, 1. German Language, 2. Physical Geography, 2. Elocution, 3.	Perspective Drawing, 2. Water Color Painting, 3. Illumination and Lettering, 2. India Ink and Sepia Drawing, 4. Modelling, 3. Botany, 2. Modern History, 3,	Oil Painting, 5, Drawing from Nature, 4. Drawing from Life, 2. History of the Fine Arts in Outline, 1. Photography, 2. French Language, 3.	Oil Painting, 5. Drawing from Nature, 2. History of Painting, 1. Art Criticism, 1. Encyclopedia of Art Literature, 1. Landscape Gardening, 1. History of Civilization, 3. Graduating Thesis.

COURSE IN MUSIC.

THE FIGURES REPRESENT THE NUMBER OF LESSONS OR LECTURES IN EACH BRANCH PER WEEK.

	FRESHMAN YEAR.	SOPHOMORE YEAR.	JUNIOR YEAR.	SENIOR YEAR.
FIRST TERM.	Piano, 2. Reading at Sight, 2. Cultivation of the Voice, 2. Chorus Singing, 1. Theoretical Rudiments, 2. Physiology, 2½. German Language, 5.	Piano, 2. Violin, 2. Cultivation of Voice, 2. Chorus Singing, 1. History of Music, 1. Form of Musical Composition, 1. Medieval History, 3. Physics, 2. Ensemble Playing, 2. German Language, 3.	Instrumental Instruction, 4. Ensemble Playing, 1. Chorus Singing, 1. Cultivation of the Voice, 2. History of Music, 1. Organ, 2. Counterpoint and Fugue, 2. Esthetics, 1. English Literature, 5. French Language, 2.	Analytical Study of larger compositions for Piano, 2. Violin, (Quartette Playing,) 2. Instrumentation, 2. Chorus Singing, 1. Cultivation of the Voice, 2. Organ, 2. Ensemble Playing, 1. Italian Language, 2. Essay on Art, (2 a term.)
SECOND TERM.	Piano, 2. Reading at Sight, 1. Recitation, 1. Cultivation of the Voice, 2. Chorus Singing, 1. Harmony, 2. German Language, 5. Ancient History, 2.	Piano, 2. Violin, 2. Cultivation of Voice, 2. Chorus Singing, 1. History of Music, 1. Form of Musical Composition, 2. Organ, 2. Modern History, 3. Ensemble Playing, 1. Physics, 3.	Instrumental Instruction, 4. Ensemble Playing, 1. Chorus Singing, 1. Cultivation of the Voice, 2. History of Music, 1. Organ, 2. Counterpoint and Fugue, 2. History of the Fine Arts in outline, 1. French Language, 4.	Piano, (Reading of Scores,) 2. Violin, (Solo Playing,) 2. Musical Composition, 2 Chorus Singing, 1. Cultivation of the Voice, 2. Organ, 2. Ensemble Playing, 1. Italian Language, 2. Rhetoric, 2. Essay on Art, (2 a term.)
THIRD TERM.	Piano, 2. Reading at Sight, 2. Ensemble Playing, 1. Cultivation of the Voice, 2. Chorus Singing, 1. Harmony, 2. German Language, 2. Elocution, 3.	Piano, 2. Violin, 2. Cultivation of Voice, 2. Chorus Singing, 1. History of Music, 1. Form of Musical Composition, 2. Organ, 2. Modern History, 3. Ensemble Playing, 1.	Instrumental Instruction, 4. Ensemble Playing, 1. Chorus Singing, 1. Cultivation of the Voice, 2. History of Music, 1. Organ, 2. Counterpoint and Fugue, 2. History of the Fine Arts in outline, 1. French Language, 3.	Piano, 2. Violin, 2. Ensemble Playing, 2. Conducting 1. Chorus Singing, 1. Cultivation of Voice, 2. Encyclopedia of Musical History, 1. History of Civilization, 3. Graduating Thesis.

Subjects and Methods of Instruction.

IN ARCHITECTURE AND PAINTING.

The courses of study already established include systematic and progressive instruction in the theory, the history, and the practice of Architecture, Painting and Engraving, and in those branches of mathematics, natural science, history, language, and philosophy which bear most intimately and directly upon the arts, and without a knowledge of which success in the higher domains of art is impossible. The other Colleges of the University furnish excellent opportunities to those students who may desire to pursue other studies related to the Fine Arts than those included in the courses of this College.

The professors are proficient and practical workers in their several departments. The students will have access to the studios and officers, and will have opportunity of witnessing works of art and edifices in process of completion by their hands or under their direction.

It will be the aim to develop the talents of the students in such a way that each student shall retain his individuality of character and manner, rather than with the purpose of moulding all after the same arbitrary method.

FREEHAND DRAWING.

Freehand Drawing is taught extensively in all the courses as giving the only basis for accuracy in observing nature and art, and for freedom and precision in delineating and executing designs. Freehand Drawing is continued as a

required exercise during nearly the entire courses in Painting and Engraving.

A large collection of copies has already been formed from among the best series that are employed in the various art schools of England, France and Germany. These include every variety of subjects, such as flowers, fruit, foliage, landscape, animals, the human figure, artistic anatomy, classical compositions, household furniture, architectural ornamentation, and designs for various branches of industrial art. Drawing from objects, from nature, from memory, and from original designs is introduced in such variety, sequence and extent, as may be fitting to each individual student. While instruction is given to all in the use of the lead-pencil, the pen, charcoal, crayon, india ink and sepia, the students are left largely to their own tastes in the selection of the chief instrument and manner of executing their own drawing.

ARCHITECTURAL DRAFTING.

Under this general term in the schedule of studies, is included instruction in the following subjects: the use of drafting instruments; the drawing of plans, elevations, sections, ornaments, details, and working drawings; the principles of taste in their application to architectural composition; the study of executed works and of works in progress, and the sketching of completed buildings; the appropriate and economical use of building materials; the principles and processes of construction; the laws and usages in drawing up contracts and specifications, in making estimates and measurements, and in superintending the erection of buildings. These subjects will be introduced in such sequence as may be found desirable with particular students and classes. Special instruction will also be given in the principles and practice of Decorative Art, and of Landscape Gardening and Architecture.

OIL PAINTING.

As by far the larger portion of modern painters devote themselves mostly to painting in oil colors, much longer time is appropriated in the curriculum to instruction in Oil Painting than in Water Color Painting. With such students as may prefer it, however, an equivalent time may be substituted, in whole or in part, to study in water colors instead of oil colors. Instruction will be given in the use of colors, the principles of technical execution, and the laws of composition ; at the same time, students will be left to develop originality and individuality of style, and to decide whether they shall devote themselves to any particular branch of painting, such as flower, fruit, animal, still life, portrait, genre, or landscape painting, or whether they shall divide their time between several of these branches.

PHOTOGRAPHY.

As a valuable, if not an indispensable aid to the architect, and more especially to the painter, photography is included in the studies of both curriculums. A photographic studio will soon be provided, furnished with all the latest improvements in the art. Meantime instruction will be given at the studio of the professor having charge of this department. Any person wishing to secure a complete education as a photographic artist may substitute extended practice in this art, for a large portion of the study appropriated to oil painting, in the course in Painting, and on completing this course may receive the degree of Bachelor of Painting.

ESTHETICS.

Instruction is given by lectures in the general principles of the science of Esthetics, the principles of criticism which apply especially to Architecture and Painting being also treated more at length in separate courses of lectures.

HISTORY OF THE FINE ARTS.

A course of lectures will be given upon the History of the Fine Arts in Outline, in which will be traced the leading features of the fine arts, as a whole, as they have manifested themselves in human history, and the relation which these arts have held to other elements of civilization. Courses of lectures will also be given upon the special history of Architecture, Sculpture, Painting and Engraving.

CLASSICAL MYTHOLOGY AND ARCHÆOLOGY.

Courses of lectures will be given upon the Mythology of the Ancient Egyptians, Greeks and Romans, with special reference to their illustration in ancient art, and upon the leading features of classical archæology, and the geographical distribution of monuments of ancient art.

CHRISTIAN AND MEDIEVAL ARCHÆOLOGY.

Courses of lectures will be given upon Christial Archæology, in which will be traced the origin and development of symbolism and the illustration of Christian Doctrine in the fine arts ; and upon the general principles of Medieval Archæology.

ESSAYS.

During the first and the second terms of the Senior Year each student will present two essays upon subjects relating to the fine arts, each essay of not less than six hundred words in length. During the last term of the Senior Year each student will present a thesis of not less than a thousand words in length, upon some subject relating to the fine arts ; written upon paper of uniform size, to be preserved in the archives of the college.

ART LITERATURE.

A course of lectures will be given upon the Encyclopedia of Art Literature, consisting of critical remarks and disserta-

tions upon the characteristic features, the relative value, the date and place of publication, the present cost, and the authorship of the most important publications, both books and periodicals, which have been issued in Europe and America upon Esthetics, and the history, theory and practice of the Formative Arts.

RELATED STUDIES.

The proximity of the College of Liberal Arts renders it possible to insert in the curriculums of this college, selections of such studies as are essential to the complete education of the architect and painter, both as an artist and as a person of general culture. The following studies have been thus added to one or both of the curriculums, as is shown on pages 69 and 70; *Mathematics*, Algebra, Geometry, Trigonometry and Surveying, Analytical Geometry, Calculus, Analytical Mechanics; *Natural Science*, Physics, Chemistry, Physiology, Natural History, Botany, Geology, Physical Geography; *Languages*, German, French, Italian; *History*, Ancient, Medieval and Modern, History of Civilization, History of Philosophy, Philosophy of History; *English Literature; Rhetoric; Elocution.* To a limited extent, the equivalent in other studies having a direct relation to the Fine Arts may be substituted for a portion of the above studies.

The College of Medicine offers excellent opportunity to such students as may desire to make more extensive studies in human and comparative anatomy.

MUSEUM.

As a nucleus to a museum there have been procured mostly from Europe several thousand engravings, photographs and chromolithographs, illustrating the methods of production, and many of the chief historic works in architecture, sculpture, painting and the industrial arts. A box of Minton's

encaustic tiles has been presented by the American agents, Messrs. Coates and Miller, of New York. A sufficient number of architectural and other casts has been procured to meet the immediate wants of the college.

LIBRARY AND READING ROOM.

As a nucleus to a Library of the Fine Arts, a number of valuable books and periodicals have already been gathered, to which additions will be made from time to time, as circumstances shall permit. A large number of the most important art journals from European countries are supplied to the Reading Room, thus enabling the student to have access to the latest criticisms in art, and to information concerning all important recent works upon this subject.

ESTHETIC SOCIETY.

An "Esthetic Society" has been organized by the students of the college which holds meetings at stated times for mutual improvement and esthetic and social culture. During the spring and fall terms, sketching excursions are taken by the society amid the picturesque scenery which abounds in the environs and the vicinity of the city of Syracuse.

REMARKS ON THE METHOD OF INSTRUCTION IN MUSIC.

The Course of Study includes systematic and progressive instruction in the theory, the history and practice of music, arranged with a view to enable the student to become an accomplished teacher, performer or composer.

Any other instrument, as the Organ, Violin, Viola, Violoncello, Coronet or Clarionet, may be substituted for the Piano, after the Freshman year.

Vocal instruction may take the place of instrumental instruction after the Sophomore year.

Various accessory branches of study are introduced, which have a more or less intimate connection with the Art of

Music, and which also have relation to general liberal culture. These are: Physiology; Physics; Elocution; Rhetoric; English Literature; the French, German and Italian Languages; Ancient, Medieval and Modern History, and the History of Civilization; the Science of Esthetics, and the general history of all the Fine Arts. This is in accordance with the principle adopted in courses of study in Painting and Architecture in the College of Fine Arts.

THE PIANO.

Instruction will be given on the Piano in small classes, with such private instruction as shall be deemed necessary to secure the best progress of the students. Twelve grades have been established. The individual student will be promoted from one grade to another, as progress and attainment may justify. All candidates for graduation in any department of Music will be required to complete the course upon the piano, as far as to the end of the Sophomore year.

THE VIOLIN.

The study of this most difficult instrument will embrace all branches, as Orchestral, Quartette, and Solo playing. As soon as the student is able to receive benefit from ensemble playing, frequent opportunity will be given to practice in connection with others. Instruction on the Violin will also be given in classes, as with the Piano.

Instruction will be given on other stringed instruments, upon the same general principles as upon the Violin.

THE ORGAN.

As the most practical method of preparing for the study of the Organ, the student will devote the first two years to practicing upon the Piano. At an early date a Pipe Organ will be placed in the University Chapel. Until that is done arrangements will be made for students to practice upon an excellent Organ in one of the city churches.

ORCHESTRAL PRACTICE.

As soon as it shall be found feasible, an orchestra will be organized, to meet at stated times, and practice sacred and secular music of a high character.

CULTIVATION OF THE VOICE.

This important branch of musical instruction will receive great attention. Students will be trained singly or in classes, as their best progress may from time to time require. Ample opportunities will be afforded in the classes for the individual student to observe the efforts of others, and to hear the criticisms of the Professor upon their exercises.

CHORUS SINGING.

The class for the practice of Chorus Singing for mixed voices, meets once a week. Any student of the University may join this class without extra charge. Compositions of sacred and secular character will be carefully practiced.

THEORY OF MUSIC.

The Theory of Music, embracing Harmony, Form of Musical Composition, Counterpoint and Fugue, will be taught in classes. Much attention will be devoted to this important branch in musical education. Instruction will be given by lectures, with abundant illustrations and explanations upon the blackboard, of which the candidates for graduation will be expected to make careful digests.

HISTORY OF MUSIC.

Lectures will be given upon the History of Music during the entire Sophomore and Junior years. Readings will also be appointed for the classes, between the lectures.

RECITATION.

All students of Music are required to be present at the weekly Recitations, at which exercises every student will be required to perform at least once each term. Critical remarks are made by the Professors, at the Recitations, upon the merits of the pieces given, and their relations to other works by the same on other authors, as well as upon the merits or defects of the rendering of the student.

PROFESSIONAL CONCERTS.

Arrangements are usually made whereby the student of Music can attend professional concerts, of which a large number are given in Syracuse, at greatly reduced rates.

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